CONSTRUCTION NEWS

PROPOSALS

For proposals Advertised see the pages immediately following the "Construction News" Section.

WATERWORKS

Bids Close		See Eng. News-Record
Jan. 9	St. Paul, Minn.	Jan. 5
Jan. 10	New York, N. Y.	Jan. 5
Jan. 10	Manhattan, Kan.	Jan. 5
Jan. 10	Hobart, Okla.	Jan. 5
Jan. 11	Central Islip, N. Y.	Dec. 29
Jan. 12	Fairfax, Okla.	Jan. 5
Jan. 20	Duluth, Minn.	Jan. 5
Jan. 23	Madison, S. D.	Dec. 29
Jan. 30	Hammond, Ind. Adv. Jan. 5.	Jan. 5
Jan. 30	Indianola, Ia. Adv. Jan. 5.	Jan. 5
Jan. 31	Atlanta, Ga. Adv. Dec. 29 and Jan. 5.	Dec. 29
Feb. 6	Scappoose, Ore.	Jan. 5

SEWERS

Jan. 10	Long Island City, N. Y.	Jan. 5
Jan. 13	Milwaukee, Wis.	Dec. 8
Jan. 23	Madison, S. D.	Dec. 29
Jan. 24	Kearney, N. J.	Jan. 5
Jan. 27	Milwaukee, Wis. Adv. Jan. 5.	Jan. 5
Feb. 6	Rome, N. Y.	Jan. 5

BRIDGES

Jan. 10	Lake Charles, La. Adv. Dec. 15 to Jan. 5.	Dec. 15
Jan. 10	Oklahoma	Dec. 29
Jan. 14	Bradentown, Fla.	Dec. 29
Jan. 16	Royersford, Pa. Adv. Dec. 29 and Jan. 5.	Dec. 29
Jan. 20	Streator, Ill. Adv. Jan. 5.	Jan. 5

RAILWAYS

Jan. 9	Ontario	Dec. 15

STREETS AND ROADS

Jan. 9	Dallas, Tex.	Dec. 29
Jan. 9	Benton, Ill.	Dec. 29
Jan. 9	Elmhurst, Ill. Adv. Dec. 29 and Jan. 5.	Dec. 29
Jan. 9	Benton, Ill.	Jan. 5
Jan. 10	Palatka, Fla.	Dec. 22
Jan. 10	Akron, O.	Dec. 29
Jan. 10	Bridgeton, N. J.	Dec. 29
Jan. 10	Oklahoma	Dec. 29
Jan. 10	Jasper, Tex.	Dec. 29
Jan. 10	Georgetown, Tex.	Dec. 29
Jan. 10	Sumter, S. C.	Jan. 5
Jan. 10	St. Joseph, Mo.	Jan. 5
Jan. 10	North Carolina	Jan. 5
Jan. 10	New York Adv. Dec. 29 and Jan. 5.	Jan. 5
Jan. 11	St. Joseph, Mo.	Jan. 5
Jan. 11	Denton, Tex.	Jan. 5
Jan. 12	Wisconsin	Dec. 29
Jan. 12	Duluth, Minn.	Jan. 5
Jan. 12	Lewiston, Idaho	Jan. 5
Jan. 12	Rockwell City, Ia.	Jan. 5
Jan. 14	Bradentown, Fla.	Dec. 29
Jan. 15	Decatur, Ill.	Jan. 5
Jan. 16	California	Dec. 29
Jan. 16	Cairo, Ill.	Jan. 5
Jan. 16	Lake City, Fla.	Jan. 5
Jan. 16	Wynnewood, Okla.	Jan. 5'
Jan. 17	Akron, O.	Jan. 5
Jan. 19	Clinton, Ia.	Jan. 5
Jan. 20	Beaufort, S. C.	Jan. 5
Jan. 22	Dallas, Tex.	Jan. 5
Jan. 23	California	Jan. 5
Jan. 24	West Virginia	Jan. 5
Jan. 31	Lake Wales, Fla. Adv. Dec. 22 to Jan. 5.	Dec. 22
Feb. 1	East St. Louis, Ill.	Jan. 5
Feb. 7	Pikeville Ky.	Jan. 5
Mar. 1	Duluth, Minn.	Jan. 5

INDUSTRIAL WORKS

Jan. 11	Middletown, N. Y. Adv. Dec. 22 to Jan. 5.	Dec. 22
Jan. 15	Corning, Ia.	Dec. 15
Jan. 19	Fargo, N. D.	Dec. 22

BUILDINGS

Jan. 10	Fayetteville, N. C.	Dec. 29
Jan. 10	Independence, Kan.	Dec. 29
Jan. 10	Marathon, Wis.	Dec. 22
Jan. 10	Manitowoc, Wis.	Dec. 22
Jan. 10	Providence, R. I.	Jan. 5
Jan. 10	Elkhart, Ind.	Jan. 5
Jan. 12	Secaucus, N. J.	Dec. 29
Jan. 17	Newcastle, Ind.	Dec. 22
Jan. 17	Institute (Sturgeon Bay P. O.), Wis.	Dec. 22
Jan. 18	Grand Rapids, Mich.	Dec. 22
Jan. 23	Ansonia, Conn.	Jan. 5
Jan. 24	Grand Rapids, Mich.	Dec. 22
Jan. 24	Madison, Wis.	Dec. 22
Jan. 26	Olivia, Minn.	Jan. 5
Jan. 30	Grand Rapids, Mich.	Dec. 22
Jan. 30	Columbus, O.	Jan. 5
Feb. 1	Williamsport, Pa.	Sept. 8
Feb. 1	Duluth, Minn.	Oct. 27
Feb. 1	Dallas, Tex.	Jan. 5
Feb. 2	Battle Ground, Ind.	Dec. 29

FEDERAL GOVERNMENT WORK

Jan. 11	Quarters, etc.—Otter Cliffs, Me.	Jan. 5
Jan. 11	Foam Fire Protection System —Washington, D. C.	Jan. 5
Jan. 11	Dredging—Newport, R. I.	Jan. 5
Jan. 11	Dredging—Hampton Roads, Va.	Jan. 5
Jan. 12	Pumping Plant—Kansas City, Mo.	Dec. 29
Jan. 12	Distribution System — Watertown, S. D.	Dec. 15
Jan. 12	Dredging, etc.—Jacksonville, Fla. Adv. Dec. 15 to Jan. 5.	Dec. 22
Jan. 12	Piping—Phila., Pa.	Dec. 22
Jan. 16	Ice Making and Refrigerating Plant—New Orleans, La.	Dec. 29
Jan. 18	Hospital—Augusta, Ga.	Dec. 29
Jan. 18	Post Exchange and Dispensary —San Diego, Cal. Adv. Dec. 29 and Jan. 5.	Dec. 29
Jan. 18	Pier—Puget Sound, Wash.	Dec. 22
Jan. 18	Underground Utilities—Bellevue, D. C.	Jan. 5
Jan. 19	Dredging—Camden, N. J. Adv. Dec. 22 to Jan. 5.	Dec. 22
Jan. 20	Catamarans—Mobile, Ala. Adv. Dec. 22 to Jan. 5.	Dec. 22
Jan. 24	Bridge—California	Jan. 5
Jan. 24	Road—California	Jan. 5
Jan. 30	Dredging — Wilmington, Del. Adv. Jan. 5.	Jan. 5
Feb. 1	Jetty—Wilmington, Del. Adv. Jan. 5.	Jan. 5

MISCELLANEOUS

Jan. 10	Portland Cement — Wisconsin	Jan. 5
Jan. 11	Electrical Work—Buffalo, N. Y.	Dec. 22
Jan. 11	Asphalt Heating Plant—Santa Rosa, Cal.	Dec. 29
Jan. 11	Refrigeration System—Rochester, N. Y.	Dec. 22
Jan. 11	Surface Condenser, etc. — Fremont, Neb.	Jan. 5
Jan. 12	Distribution System—Watertown, S. D.	Dec. 15
Jan. 12	Terminal Sub-structure — San Francisco, Cal.	Dec. 29
Jan. 18	Station Finish — New York, N. Y.	Dec. 29
Jan. 18	Baseball Stadium—New York, N. Y. Adv. Jan. 5.	Jan. 5
Jan. 19	Culverts—Clinton, Ia.	Jan. 5
Feb. 7	Shafts and Tunnel—Jersey City, N. J. Adv. Dec. 29 and Jan. 5.	Dec. 29

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk or corresponding official.

Waterworks

PROPOSED WORK

Pa., Williamsport — Williamsport Water Co., 330 Pine St., having plans prepared 2 reservoirs, 10,000,000 gal. capacity. M. Knowles, Inc., Jones Law Bldg., Pittsburgh, engrs.

W. Va., Fairmont—Plans addition to filtration plant. $110,000. S. B. Miller, city engr. J. C. Morris, water director.

N. C., Lexington — Having preliminary surveys made 3 mi. mains, dam and filter plant. $150,000. G. C. White, Durham, engr.

N. C., Shelby—Plans to extend mains and sewers. $125,000. W. H. Booker, Charlotte, engr.

O., Galion—Having preliminary surveys made for waterworks. $300,000. J. H. Herron, 1360 West 3rd St., Cleveland, engr.

Ia., Storm Lake—Making plans improving waterworks, incl. new intakes, filter units, duplicate pump units, 400 gal. capacity, 250,000 gal. elevated steel tank and 100 ft. tower. $35,000. W. E. Buell Co., Davidson Bldg., Sioux City, engrs.

Kan., Larned—Probably take bids latter part of January, 1,000,000 gal. rein.-con. reservoir, one 750 hp. engine driven generating unit with switchboard, five 150 hp. tubular boiler, 150 lb. pressure, two 750 g.p.m. pumps, one 5½ x 125 ft. brick smoke stack, extension to brick power house, etc. $90,000. W. B. Rollins, 208 Railway Exch. Bldg., Kansas City, Mo., engr. Noted Nov. 17.

Minn., Eveleth—Making plans extending mains and sewers to Kingston and Auburn additions; and mains in Carlson addition. $50,000. J. M. Stearns, clk.

Minn., Houston — Making plans waterworks, incl. reservoir. $25,000. L. P. Wolff, 100 Guardian Life Bldg., St. Paul, engr.

Ont., London—Utilities Comrs., Hydro Bldg., plans extending mains in residential districts. $35,000. Will soon take prices for 6 and 8 in c.i. pipe. E. V. Buchanan, Utilities Bldg., engr.

Ont., London—Utilites Comrs., Hydro Bldg., plans extending well system. $40,000. Ohio Well Digging Co., Massilon, O., given original contract for experimental wells and now has another contract to go on and locate additional wells. Pumping and piping will be done by Utilities Bd. E. V. Buchanan, Hydro Bldg. engr.

Ont., St. Thomas—See "Sewers."

BIDS DESIRED

N. Y., New York—Jan. 10, by Commissioner Water Supply, Gas & Electricity, Municipal Bldg., hauling and laying mains in Hampdon Pl., Baychester, Colden, Neill and Newton Aves., West 260th and 262nd Sts., Boston and Fieldston Rds.

Ind., Hammond—Jan. 30, at office Bd. Pub. Wks., purification reservoir, suction well, tunnel, etc. J. A. Malo, clk.; adv. this issue.

Ia., Indianola—Jan. 30, for well. L. Higgins, Flynn Bldg., Des Moines, engr.; adv. this issue.

Kan., Manhattan—Jan. 10, by City Clerk, building water filteration plant, and cleaning 15 mi. 4-10 in. c.i. mains. Black & Veatch, Mutual Bldg., Kansas City, Mo., engrs.

Minn., Duluth—Jan. 20, at office manager of Water and Light Depts., 5,000,000 gal. electrically-driven centrifugal pump unit, complete with all necessary equipment and appurtenances. F. D. Ash, clk.

Minn., St. Paul—Jan. 9, H. W. Austin, city purch. agt., c.i. gate valves and service connections for water dept. O. Claussen, city engr.

Okla., Fairfax—Jan. 12, improving waterworks, sewers and disposal plant. $83,000. E. C. Quigley, clk. V. V. Long & Co., Colcord Bldg., Oklahoma City, consult. engrs. Noted Sept. 22.

Okla., Hobart—Jan. 10, waterworks and sewage disposal plant. $122,000. J. G. Huie, clk. V. V. Long & Co., Colcord Bldg., Oklahoma City, consult. engrs. Noted Sept. 15.

Ore., Scappoose—Feb. 6, by C. F. Cathcart, city recdr., for water system. Lewis & Clark, 800-805 Chamber of Commerce Bldg., Portland, engrs.

Ont., Essex—Waterworks Bd. receiving bids oil engines for operating pumps. A. Gilboe, supt. Noted Dec. 15.

CONTRACTS LET

N. Y., Syracuse—Bd. Contract & Supply, City Hall, laying 6 mi. 8-36 in. (mostly 36 in.) c.i. pipe for Sect. 1 of 3rd Skaneateles-Syracuse Conduit, to R. Provo, Syracuse, $152,850. Former contract rescinded. Contract for pipe already awarded. Noted Dec. 22.

Waterworks (Continued)

O., Cleveland—Commissioner of Purchases & Supplies, City Hall, underpinning filters and pipe vault at Division Ave. pumping station, to Lake Erie Constr. Co., Perry-Payne Bldg., $80,937. Noted Nov. 24.

O., Cleveland—For 8 steam turbine reduction-gear driven centrifugal pumps, to Dravo-Doyle Co., Leader-News Bldg., $410,-950. Noted Dec. 15.

O., Dayton—Comrs. Montgomery Co., 12,860 lin. ft. of 6-10 ft. trench and 14,730 lin.ft. 6-12 in. Class B c.i. pipe in East Park Sanitary Sewer Dist. 1, to F. Frumholz, Springfield, $25,000. Noted Dec. 15.

Minn., St. Paul—H. W. Austin, city purch. agt., 7,500 bbl. portland cement to Gopher Lime & Cement Co., Griggs and Fuller Sts., $2.26 f.o.b. cars, 2,500 cu.yd. silica sand and 5,000 cu.yd. gravel, to J. L. Shiely Co., 305 Dakota Bldg., at $1.40 and $2.50 per cu.yd. respectively, truck delivered. Noted Dec. 15.

Cal., Redwood City—For 6,400 lin.ft. 4 in., 900 lin.ft. 6 in., 5,796 lin.ft. 8 in. and 396 lin.ft. 10 in. Class B, c.i. pipe, to W. P. Horn Co., Rialto Bldg., San Francisco, $11,248.

Sewers

PROPOSED WORK

Pa., New Castle—Plans disposal plant incl. four 60 x 100 ft. rein.-con. tanks and 30 x 40 ft. power house. $500,000. Fuller & McClintock, 170 Bway., New York, engrs.

W. Va., Huntington—Plans trunk sewerage system. $350,000. J. T. Sanborn, Huntington, engr.

W. Va., Morgantown—Having surveys made for complete sewerage system. $500,-000. F. P. Best of M. Knowles Eng. Co., Jones Law Bldg., Pittsburgh, Pa. engr.

N. C., Lexington—Plans to extend sewerage system to western part of town. $25,000. R. Hoffman, City Hall, engr.

N. C., Shelby—See "Waterworks."

O., Barnesville — Having surveys made and takes bids in spring sewerage system and disposal plant. $300,000. H. C. Althar, Bellaire, engr.

Ill., Naperville—Bd. Local Impvts. making plans 10-14 in. vitr. tile sewers, in Park addition. $30,000. C. A. Ashley, c/o Wells Eng. Co., 334 1st Natl. Bank Bldg., Aurora, engr.

Minn., Eveleth—See "Waterworks."

Minn., Minneapolis — Bd. Estimate and Taxation, authorized $425,000 bonds for sewer extensions. G. Link, secy.

Col., Denver—Plans 25 blocks sanitary sewers in East Side Special Sanitary Sewer Dist., incl. 25,351 ft. 8 in. vitr. pipe, 103 manholes, etc. $42,398. J. B. Hunter, City Hall, engr.

Ont., St. Thomas—Plans storm sewer, 6 in. water mains and gas mains in Mary St. $30,000. Prices wanted on sewer piping and water mains. W. C. Miller, City Hall, engr.

BIDS DESIRED

N. Y., Long Island City—Jan. 10, by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., sewers in Pierce and Liberty Aves., Hamilton and Paulding Sts., etc.

N. Y., Rome—Feb. 6, by C. Feverent, Rome State School for Mental Defectives, for rehabilitation of disposal plant, at State School, here. $25,000. L. F. Pilcher, Albany, state archt.

N. J., Kearny—Jan. 24, by Passaic Valley Sewerage Comrs., 128 Market St., Newark, northerly portion Sect. 28, Kearny-East Newark-Harrison Branch Intercepting Sewer, here, 79 lin.ft. earth excav. and refilling, in trench, for 33 in. concrete sewer, 705 lin.ft. earth excav. and refilling, in trench, for 24 in. concrete sewer, 1,244 lin.ft. earth excav. and refilling, in trench, for 18 in. vitr. sewer, 25,000 lb. steel, etc. R. Van Duyne, ch. engr.

Pa., Erie — Receiving bids, storm sewers and paving Myrtle St., incl. 36-39 in., and 27 and 30 in. monolithic concrete and rein.-con. pipe. $65,000. F. G. Lynch, City Bldg., engr.

Wis., Milwaukee—Jan. 27, by Sewerage Comn., City Hall, pumps, motors and equipment for automatic electric return sludge pumping plant, Jones Island; adv. this issue.

Okla., Fairfax—See "Waterworks."

Okla., Hobart—See "Waterworks."

BIDS RECEIVED

N. Y., New York—H. H. Curran, pres. Manhattan Boro, opened bids Dec. 29, sewage treatment plant and pumping station, incl. necessary equipment and machinery in West and Marginal Sts. near intersection with Canal St., from Riverdale Constr. Co., 1440 Bway., $349,754; Spencer, White & Prentis, Inc., 47 West 42nd St., $353,-965; Simpson Brown & Co., 90 West St., $359,574. Noted Dec. 22.

Cal., Sacramento—Installing electrically driven pumping unit in Sewage Sta. 1, from Latourette Fical Co., 3471 Sacramento Blvd., (1) $10,280, (2) $10,700, bidding Byron Jackson pumps; California Hydraulic Eng. & Supply Co., 70 Fremont St., San Francisco, (1) $11,196, (2) $12,-819; Mechanical Eng. & Supply Co., 906 7th St., (1) $12,100, (2) $14,055, bidding Worthington pumps; J. C. Hobrecht & Sons, 1014 6th St., (1) $12,121, (2) $12,-490, bidding De Laval pumps.

CONTRACTS AWARDED

N. Y., Brooklyn—E. Riegelmann, boro pres., Boro Hall, sewers in 83rd St., etc., to Tomasetti & Co., 1133 60th St., 77% engineers estimate ($7,000); Maple St., to Murphy Bros., 8856 26th Ave., 87⅞% (5,500); Ave. S. and Riverdale Ave., to G. L. Schrade, 193 Beach 108th St., Rockaway Beach, 81.81% ($2,000) and 124% ($500) respectively; Ave. U. to D. G. McDonald, 81% ($2,000). Noted Dec. 29.

N. Y., Brooklyn — E. Riegelmann, boro pres., Boro Hall, repairs to sewer in Foster Ave., etc., to H. E. Fox Constr. Co., 81 East 125th St., New York, $26,898. Noted Dec. 22.

N. Y., New York — H. Bruckner, pres. Bronx Boro, Municipal Bldg., sewers in East Tremont Ave., west side between Appleton and Coddington Aves., etc., to J. L. Sigretto & Co., Woodhaven, $46,090. Noted Dec. 22.

Pa., Phila.—To V. G. Perma, 752 South 10th St., branch sewers in Blain St., $900, Emily St., $478; O'Neil Co., 127 East Mermaid Lane, Broad St. from Oaklyn St. to 71st Ave. N., $25,760, Old York Rd. from Oak Lane to Cheltenham Ave., $50,460; E. F. Bennis, 641 East Chelten Ave., Broad St. from 71st Ave. N. to point 368 ft. north, $7,718, Hartwell Lane, $5,668, Ognotz Ave., from 72nd to 74th Aves., $34,629, Ognotz Ave. from Nedro Ave. to Church Lane, $5,668; J. J. McHugh, 1617 Race St., Columbia Ave., $3,872, 52nd St., $6,239; E. Pascuzzi, 601 Lincoln Bldg., Comly St., $14,843; P. D. Mayo, 735 South 9th St., Devereaux St., $7,286, Wakefield St., $3,821; McCool Constr. Co., 5933 Duffield St., Edmund St., $3,731; J. McCool, 112 East Albans St., 4th St., $5,015; F. T. Buckius, 4050 Kensington Ave., Lancaster Ave., $1,627, Ruscomb St., $2,959, Upsal St., $24,721; C. Riccardi, 1226 South Juniper St., Nedro Ave., $11,315, 16th St., $18,373, 67th St., $6,874; A. DeSandro, 3906 North 5th St., Old York Rd. from Champlost Ave. to Sparks St., 12,857; T. DeSandro & Seelsi, 3906 North, 5th St., Tioga St. $2,104; W. H. Yettman, Jr., 601 Lincoln Bldg., Tacony St., $4,236, Torresdale Ave., $1,888. Noted Dec. 8.

Okla., Pauls Valley—Storm sewers to Gibson & Mitchell, Pauls Valley, $45,000. Noted Oct. 20.

Utah, Salt Lake City—For 6 mi. 8-15 in. vitr. sanitary sewers to J. O'Connor, 1025 10th St. N., Fargo, N. D., $100,383. Noted Nov. 17.

Waste Disposal

PROPOSED WORK

Minn., Minneapolis — Plans garbage incinerator or reduction plant, brick. W. N. Elsberg, city engr. Work will probably be done by day labor.

Cal., Alameda—City Council rejected bids garbage incinerator. Work will be readvertised. C. E. Hickok, city mgr. Noted Dec. 8.

CONTRACTS AWARDED

Mass., Fall River—For garbage collection (5 year contract), to E. J. Dunn, Fall River. $79,000.

Bridges

PROPOSED WORK

Pa., Rose Garden (Bowmansdale P. O.)—York Co. (York) and Cumberland Co., (Carlisle), plan to rebuild 120 ft. bridge, here. $150,000. J. W. Hard, Court House, Carlisle, comr. C. A. Keagy, Court House, York, comr.

Minn., Minneapolis—Northern Pacific R.R., Railway Bldg., St. Paul, making plans 1,200 ft. steel bridge over Mississippi River, here; removing tracks from University of Minnesota campus and relaying outside. $2,000,000. State has authorized $750,000 toward work. M. F. Clements, bridge engr.

Minn., Minneapolis—Great Northern R.R., 4th and Jackson Sts., St. Paul, and Minneapolis & St. Louis R.R., Transportation Bldg., making plans 520 ft. steel bridge, 82.45 ft. wide, over tracks on 5th St., $230,000. J. A. Bohland, bridge engr. of former. R. G. Kenly, ch. engr. of latter.

Utah, Ogden Canyon—State Rd. Dept., Salt Lake City, and U. S. Government had plans prepared for bridge, one 100 ft. and one 63 ft. spans here. $31,000. C. Means, Salt Lake City, state road engr.

BIDS DESIRED

Ill., Streator—Jan. 20, by Streator Drain Tile Co., at office Taylor & Woltman, engrs., Unity Bldg., Bloomington, steel superstructure for industrial railroad bridge over Vermillion River; adv. this issue.

N. C., Sumter—See "Streets and Roads."

BIDS RECEIVED

Kan., McPherson—McPherson Co. opened bids Dec. 16, one 30 ft. I beam, three 50 ft. pony trusses and one 120 ft. through truss, steel, from Missouri Valley Bridge & Iron Co., 1006 Schweiter Bldg., Wichita, $29,289; Erickson Bros., Lindsborg, $29,-451; C. H. Dolman, Topeka, $30,080. Noted Dec. 8.

Tex., Livingston—Polk Co. rein.-con. bridges, culverts and pile trestle bridges on Highway 35, from I. Young, Livingston, $49,202; Austin Bros. Bridge Co., Coombs St., Dallas, $52,844; Johnson Constr. Co., Dayton, $58,757.

CONTRACTS AWARDED

Vermont—See "Streets and Roads."

Conn., Unionville—Town of Farmington, steel bridge to replace present highway bridge over Farmington River, here, to Berlin Constr. Co., Berlin. $25,000. Noted Dec. 15.

Pa., Kittanning—Pittsburgh & Shawmut R.R., 1004 Union Bank Bldg., Pittsburgh, 220 ft. rein.-con. arch bridge over Colwell cut crossing, to Concrete Steel Bridge Co., Clarksburg, W. Va.

North Carolina—State Hy. Comn., Raleigh, rein.-con., bridges and culverts on State Project 155, Martin and Pitt Counties, to P. R. Ashby, Tucker Bldg., Raleigh, $30,-467; on State Project 980, Macon and Swain Counties, to Southern Dray Co., Asheville, $33,222. Noted Dec. 22.

Ia., Cedar Rapids—Chicago, Rock Island & Pacific R.R., La Salle Street Station, Chicago, building 6 new piers and an abutment on south side of Cedar River; raising bridge and approach 3 ft. higher than present grade, new floor beams and bottom chord members, here, to Cedar Rapids Constr. Co., 229 Higley Bldg., $150,000.

Tex., Del Rio—Val Verde Co., 450 ft. bridge over Pecos River, two 225 x 18 ft. steel spans, concrete floors, rein.-con. abutments and mass piers, to Illinois Steel Bridge Co., c/o H. K. Webb, Box 351, Dallas, $73,865. Noted Dec. 29.

Dams

PROPOSED WORK

N. C., Lexington—See "Waterworks."

BIDS RECEIVED

Ariz., Phoenix—Salt River Valley Water Users Assn., for Cave Creek Flood Control dam and appurtenances in Maricopa Co., from L. S. Atkinson, Jr., Chapman Bldg., Los Angeles, Cal., earth fill type, $370,164, Eastwood multiple type, $390,908, Cotey & Black, Clifton, earth fill type, $475,000. Noted Nov. 17.

CONTRACTS AWARDED

N. C., Charlotte—See "Industrial Works."

Railways

PROPOSED WORK

Montana—Holly Sugar Co., Boston Bldg., Denver, Col., does not plan 15 mi. road from Hardin to Foster. This corrects report in Dec. 1 issue.

Excavation and Dredging

PROPOSED WORK

Florida—State Rd. Dept., Tallahassee, opens bids about Jan. 15, 100,000 cu.yd. sand fill to be dredged and placed as approaches for Seminole and Safety Harbor Bridges, Pinellas Co. Cost between $30,000 and $40,000. J. A. Mortland, state road engr. C. E. Burleson, Clearwater, co. engr.

Ill., Beardstown—Comrs. Cass Co., (Virginia) making plans open ditch work and power plant. $175,000. Goddell & Millard, Natl. Bank Bldg., engrs.

Excavation and Dredging (Continued)

California—Central Sierra Power Co., New York, (being organized), plans to strip 100,000 acres of timber land in Placer Co. aggregating 2,000,000,000 lumber feet; supply eastern Sacramento Co. with irrigation water and utilize power that can be developed between North Fork of American River and Rubicon River to supply municipalities and manufacturing concerns of Coast district. Plans include large mill, canals, main reservoirs at French Meadows to have 60,000 acre ft. capacity, continuous flow of about 490 sec. ft. to power houses; power house 1 at Emigrant Gap, north fork of American River, developing 89,500 h.p.; power house 2, opposite Towle, north fork of American River, 44,800 h.p.; power house 3, near Colfax, 31,300 h.p.; power house 4, near Auburn, 26,800 h.p.; $20,000,000. H. E. Barieau, Auburn, engr. F. P. Tuttle, Jr., attorney, 428 13th St., Oakland, is handling affairs of owners in this section.

CONTRACTS AWARDED

N. Y., Holley—C. L. Cadle, supt. Pub. Wks., Albany, removing material from canal prism at Orr's Bridge, east of here, Terminal Contr. 207, to Byron Forman & Riggs, Inc., Cohoes, $3,825. Noted Dec. 8.

N. Y., New York—M. Hulbert, comr. Docks & Ferries, Pier "A" North River, dredging in Boroughs of Manhattan, Brooklyn and Queens, Contr. 1753, to H. Du Bois Sons Co. 17 State St., (Item 1) $1,122, (3) $4,917; to Columbia Dredging Corp., 30 Church St., (2) $11,400, (4) $4,250.

Streets and Roads

PROPOSED WORK

Pa., Erie—See "Sewers."

Fla., Milton — Santa Rosa Co. plans hard surfacing 7 mi. roads, 16 ft., Dist. 3. $160,000.

O., Cleveland — Plans grading, curbing and paving East 126th, East 128th, East 129th, East 130th, East 131st, East 139th, East 140th, East 143rd, East 144th, East 146th, East 153rd, East 154th, East 155th, East 156th, East 157th and East 160th Sts. $200,000. R. Hoffman, City Hall, engr.

Kan., Salina—Saline Co. rejected bids opened Dec. 15, paving 7.015 mi. Sects. C and D, Meridian Trail, Federal Aid Project 45. Noted Dec. 29.

Missouri—State Hy. Dept., Jefferson City, plans 2.28 mi. road from West Ely westward, State Aid Project 20,38, Marion Co., 18,273 cu.yd. earth excav., 4,353 cu.yd. borrow and 75.1 cu.yd. concrete masonry, etc., $17,476; 12.41 mi. road from Hannibal northwestward, State Aid Project 20,111, Marion Co., 26,650 cu.yd. earth excav., 5,995 cu.yd. borrow, and 97.8 cu.yd. concrete masonry, etc., $10,624; 1.75 mi. road from Lamar southward—Jefferson Highway, State Aid Project 20,115, Barton Co., 5,991 cu.yd. earth excav. and 43.7 cu.yd. concrete masonry, etc., $4,412. A. Graham, state highway engr.

Mo., Jasper—Plans laying sidewalks, roads and gutters in Mineral and Kansas City Parks. $30,000. S. Ashcraft, city engr.

Tex., Hondo—Medina Co. making plans grading, gravel surfacing and bridging 39 mi. State Highway 3, 15,000 cu.yd. roadway excav., 334,400 sq.yd. rock asphalt, 2,075 cu.yd. concrete, 108,000 lb. reinforcing, 94,668 cu.yd. gravel. $406,946. Walton & Arneson, Gunter Bldg., San Antonio, engrs.

Tex., Jefferson—Marion Co. making plans grading, gravel surfacing, bituminous topping, and bridging 14 mi. Highway 8, 140,000 cu.yd. earth excav. and borrow 14,630 cu.yd. rock excav., 150,000 gal. bituminous oil, 5,880 cu.yd. cover material, 946 cu.yd. concrete, 64,600 lb. reinforcing, 29,204 cu. yd. gravel. $218,383. T. B. Worden, Jefferson, engr.

Tex., La Grange — Fayette Co. making plans grading, gravel surfacing and bridging 8 mi. State Highway 3-B, from here to Precinct 4, 894 cu.yd. concrete, 63,000 lb. reinforcing steel, 18,771 cu.yd. gravel. $89,277. A. Schlafli, Schulenburg, co. engr.

Tex., Palo Pinto—Palo Pinto Co. making plans grading and gravel surfacing 42 county mi. State Highway 1 from east to west line, 147,000 cu.yd. borrow, 294,000 cu.yd. roadway, 9,000 cu.yd. solid and 35,000 cu.yd. loose rock excav., 450,000 sq.yd. 2 in. bituminous macadam, 3,700 cu.yd., concrete, 150,000 cu.yd. gravel, 350,000 lb. reinforcing. $1,409,291. C. W. Courter, Marlin, engr.

Okla., Fairfax—Having preliminary plans prepared 90,000 sq.yd. paving. $530,000. E. C. Quigley, clk. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, consult. engrs.

Col., Denver—Plans paving 12 blocks Alley Paving Dist. 74, $28,336, 12 blocks Alley Paving Dist. 73, $22,900, 12 blocks Alley Paving Dist. 72, $25,128, 12 blocks Alley Paving Dist. 71, $28,294, 12 blocks Alley Paving Dist. 70, $21,482, 12 blocks Alley Paving Dist. 69, $28,823, all foregoing concrete; 2½ mi. Bway. from Exposition to Yale Sts., 63,000 sq.yd. asphalt, $174,200. J. B. Hunter, City Hall, engr.

Washington—G. Harvey, dist. state engr., Realty Bldg., Spokane, submitted plans to J. Allen, state highway engr., Olympia, for road and bridge construction around Spokane, in northeastern Washington, incl. grading and paving 10 mi. road north of Spokane on Inland Empire Highway consisting of 8 mi. road between Dennison and Dartford, $280,000; grading and surfacing 10 mi. Pend Orielle Highway between Cusick and Jared, north of Newport crushed rock, incl. 200 ft. wooden bridge over Tacoma Creek, $90,000; 6 mi. Inland Empire Highway, Ferry Co., $50,000; 5 mi. Inland Empire Highway between Colville and Meyers Falls, crushed rock, $40,000; 10 mi. State Rd. 2, near Tomasket, $80,000; State Rd. 22, near Davenport, Lincoln Co., $70,000; 3 mi. road between Riverside and Omak, $40,000; paving 4 mi. Sunset Highway between Wenatchee and Cashmere, $70,000.

Ont., Teeswater—Takes bids in March, paving Main St., concrete. $30,000. A. Irwin, County Bldg., Walkerton, engr.

BIDS DESIRED

New York—Jan. 10, by H. S. Sisson, comr. of Highways, Albany, improving roads in Albany, Allegany, Dutchess, Franklin, Genesee, Orange, Orleans, Schoharie and Sullivan Counties. J. C. Finch, secy.; adv. this issue.

West Virginia—Jan. 24, by State Rd. Comn., Charleston, grading 3 mi. Clay-Hartland Rd., Clay Co., $30,000. J. S. Chase, Clay, engr. 3.5 mi. Canvas-Summersville Rd., Nicholas Co., $35,000, R. Williamson, Summersville, engr. 5 mi. Friendly-Bens Run Rd., Tyler Co., $60,000, C. B. Cooke, Middlebourne, engr. 2.5 mi. Elizabeth-Palestine Rd., Wirt Co., $30,000, R. A. Woodyard, Elizabeth, engr. 0.6 mi. James River and Kanawha Turnpike from Mile Branch to Cedar Grove, Project 3044, Kanawha Co., P. J. Walsh, 507 Kanawha St., Charleston, engr.; grading and concrete paving 1.8 mi. West Hamlin-Salt Rock Rd., Project 3066, Cabell Co., $30,000, J. M. Oliver, County Court House, Huntington, engr. 3 mi. West-Hamlin-Salt Rock Rd., Project 3065, Lincoln Co., $75,000, G. W. Nelson, Hamlin, engr. 8.6 mi. Elkins-Belington Rd., Randolph Co., $225,000, E. G. Elliott, Elkins, engr.; paving, penetration bituminous macadam, and completion of grading, 14.5 mi. Rainelle-Rupert Rd., Greenbrier Co., $175,000, J. W. Rader, Lewisburg, engr. 5 mi. Beckley-Harper Rd., Raleigh Co., $100,000, H. R. Anderson, Beckley, engr. 7.4 mi. James River and Kanawha Turnpike from Pratt east to Mile Branch, Project 116, Kanawha Co., $150,000, P. J. Walsh, 507 Kanawha St., Charleston, engr.; grading and gravel surfacing 2 mi. St. Marys-Grape Island Rd., Pleasants Co., $40,000, G. R. Clark, St. Marys, engr.; grading and paving, waterbound macadam, 4.6 mi. Pickaway-Second Creek Rd., Monroe Co., $115,000, J. H. Sydenstricker, Union, engr.; completing 0.6 mi. Hamlin-West Hamlin Rd., Project 25, concrete, Lincoln Co., G. W. Nelson, Hamlin, engr.; grading and paving, concrete or vitr. brick, 0.9 mi. Kings Creek Rd., Hancock Co., $25,000, C. E. Grafton, New Cumberland, engr.; grading and paving, bituminous penetration macadam, 1.3 mi. road from Junior to Randolph Co. line Rd., Project 3113, Barbour Co., $29,000 and 3 mi. Philippi Belington Rd., Barbour Co., $80,000, C. Swecker, Philippi, engr.

W. Va., Rowlesburg—Town taking bids surfacing ¾ mi. Main St. and 1¼ mi. Buffalo St., asphalt on crushed stone. $40,000. W. L. White, Jr., Manheim, boro. engr.

North Carolina—Jan. 10, by State Hy. Comn., Raleigh, grading and paving 5.97 mi. State Project 782, Wilkes Co., 21,300 cu.yd. common and 900 cu.yd. rock excav., 1,068 ft. 12-18 in. rein.-con. pipe, 114 cu. yd. rubble masonry, 56,930 sq.yd. concrete or asphaltic pavement, $180,000; clearing, grading, paving and bridging 15.76 mi. State Project 245, Jones Co. 15 acres clearing, 80,600 cu.yd. common excav. and borrow, 23,100 cu.yd. drainage ditches, 660 ft. 18-30 in. rein.-con. pipe, 147,430 sq.yd. penetration macadam, 678 cu.yd. concrete, 52,560 lb. reinforcing, etc., $350,000. C. M. Upham, state highway engr. Noted Nov. 24 and Dec. 22.

S. C., Beaufort—Jan. 20, by Beaufort Co. Hy. Comn., shaping and surfacing 17 mi. Beaufort-Yemassee Rd., 199,400 sq.yd. gravel, or shell surfacing, etc. F. W. Scheper, Peoples Bank, engr.

S. C., Sumter—Jan. 10, by Sumter Co. Rd. Comn., surfacing and bridging 4 mi. Sumter-Mayesville Rd., 36,846 sq.yd. concrete surfacing, asphaltic concrete on 5 in. concrete, 2 in. asphaltic concrete, 3 in. brick, or 33,391 sq.yd. monolithic brick on 5 in. concrete; also 3 rein.-con. bridges and 3 culverts with earth approaches, two bridges to have four 20 spans and other five 20 ft. spans. Lee, Pennell & Murray, Sumter, engrs.

Fla., Lake City — Jan. 16, by Comrs. Columbia Co., grading and clay surfacing 6.2 mi. road from here to Benton, 16 ft. $30,000.

Ky., Pikeville—Feb. 7, by City Com., paving with vitr. brick on 6 in. concrete, curbing and guttering work, concrete, Riverview Dr. Cline, Steele, Sycamore, 2nd, 3rd, 4th, 5th and 6th Sts. and Myra-Barnes and Scott Aves. J. M. Hatcher, clk.

O., Akron—Jan. 17, by Director Pub. Serv. grading, paving and laying sidewalks on Cleveland and Baughman Sts., 4,200 cu. yd. earth excav., 2,200 lin.ft. curb, 14,000 sq.ft. sidewalk and 3,500 sq.yd. brick or asphalt, $26,000; grading and laying sidewalks on Uhler Ave., 12,000 cu.yd. earth excav., 4,450 lin.ft. concrete gutter and 30,000 sq.ft. sidewalk, etc., $26,000; for 11 other smaller jobs, $75,000. E. A. Kemmler, 300 Delaware Bldg., engr.

Ill., Benton—Jan. 9, paving South Main St., Dist. 7, 8,613 sq.yd. concrete. $46,833. C. B. Mautz, city engr. Noted Dec. 29.

Ill., Cairo—Jan. 16, Comrs. Alexander Co., grading and paving State Aid Route 2 Sect. F-15d, 54,189 sq.yd. novaculite, 28,911 cu.yd. excav., 174 cu.yd. concrete; State Aid Routes 2 and 3, Sect. F-15d, 47,359 sq.yd. novaculite gravel, 36,160 cu.yd. excav., 1,833 cu.yd. borrow, 357.5 cu.yd. concrete; State Aid Route 3, Sect. I-15d, 30,838 sq.yd. novaculite gravel, 17,823 cu. yd. excav., 116.2 cu.yd. concrete; State Aid Route 3, Sect. G-15d, 29,710 sq.yd. novaculite gravel, 24,967 cu.yd. earth, 591 cu.yd. rock excav., 1,160 cu.yd. borrow, 5,348 lin. ft. concrete curb, 215.5 cu.yd. concrete; State Aid Route 3, Sect. H-15d, 17,832 sq. yd. novaculite gravel, 21,510 cu.yd. excav., 9,832 cu.yd. borrow, 4,700 lin.ft. concrete gutter, 114.8 cu.yd. concrete. R. Miller, 613 Ohio St., co. engr. Noted Nov. 10.

Ill., Decatur—Jan. 15, Trustees Sanitary Dist., grading and gravel surfacing city and country roads. $27,000. W. C. Field, chn., P. T. Hicks, Court House, engr.

Ill., East St. Louis—Feb. 1, paving State St. from 38th to 45th St., asphalt on concrete. $28,500. E. F. Harper, City Hall, engr. Noted Nov. 17.

Ia., Clinton—Jan. 19, Clinton Co., grading and paving 16 mi. Lincoln Highway, 24,631 cu.yd. excav., 175,936 sq.yd. concrete. $390,000. E. B. Lorenzen, Clinton, engr.

Ia., Rockwell City—Jan. 12, by Calhoun Co., gravel surfacing 9 mi. Project 31, 13,500 cu.yd., 7 mi. Project 95, 10,500 cu.yd.; 6 mi. Project 107, 9,000 cu.yd. $25,000. R. B. Dixon, aud. W. E. McClure, Rockwell City, engr.

Minn., Duluth—Jan. 12, by J. A. Farrell, comr., paving 3,725 ft. Roosevelt St. from 51st Ave., W., to 59th Ave., W., 5,400 ft. concrete curbing, 3,000 ft. concrete sidewalks, 3,520 cu.yd., earth excav., 9,000 sq.yd. concrete pavement, 1,990 ft. 3-15 in. tile. $35,911. E. K. Coe, city engr.

Minn., Duluth—Mar. 1, by J. A. Farrell, comr., paving 11,000 ft. 2nd St. from 4th Ave. W., to 26th Ave. E., 30 ft., bithulithic on macadam. $266,000. E. K. Coe, city engr.

Mo., St. Joseph—Jan. 10, by Buchanan Co., paving 7.44 mi. Saxton-Easton Rd. $273,102. J. D. Mohler, Court House, engr.

Mo., St. Joseph — Jan. 11, by Buchanan Co., paving 14 mi. Dekalb Rd. $123,144. J. D. Mohler, Court House, engr. Noted Dec. 15.

Tex., Dallas—Jan. 22, by C. E. Gross, aud. Dallas Co., paving unfinished section Dallas-Ft. Worth Pike, 8,860 sq.yd. concrete, 8,860 sq.yd. grading, etc. Nagle-Witt-Rollins Eng. Co., Courthouse, engrs.

Tex., Denton—Jan. 11, by E. I. Key, judge Denton Co., surfacing 10.03 mi. State Highway 40, Denton-Dallas Rd., 94,190 sq.yd. bituminous macadam, 9,000 cu.yd. crushed rock, 2,500 cu.yd. road gravel for shoulders. Former bids rejected. Noted Nov. 24.

Okla., Sayre—Feb. 6, 28,000 sq.yd. concrete paving. $125,000. W. E. Simmonds, clk. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, consult. engrs.

Okla., Wynnewood—Jan. 16, 20,000 sq.yd. paving. $120,000. J. H. Boozer, clk. V. V.

Streets and Roads (Continued)

Long & Co., 1300 Colcord Bldg., Oklahoma City, consult., engrs. Noted Dec. 8.

Idaho, Lewiston—Jan. 12, by W. J. Hall, Comr. Pub. Wks., 202 Pioneer Bldg., grading and surfacing 10.4 mi. State Aid Project 23, Evergreen Highway Dist., Lewis Co., 20 ft.; grading 6.9 mi. State Aid Project 24, Ferdinand Highway Dist., Idaho Co. D. P. Olson, Boise, dir. highways.

California—Jan. 23, by State Hy. Comn., Sacramento, grading 6.1 mi. road between Cuyama River and Buckhorn Creek, Santa Barbara Co. A. B. Fletcher, state highway engr.

BIDS RECEIVED

N. Y., New York—H. H. Curran, pres. Manhattan Boro, Municipal Bldg., opened bids Dec. 29, grading, curbing and flagging new avenue adjoining Highbridge Park (Laurel Hill Terrace) 181st to 184th Sts., from S. Rosoff, Jr., 152 West 42nd St., $85,717; Slattery Eng. & Constr. Co., 10 East 43rd St., $94,758; S. S. Jones Contg. Corp., Grand Central Terminal, $115712. Noted Dec. 22.

Minn., Little Falls—B. Y. McNairy, aud. Morrison Co., paving 10.8 mi. Minnesota Trunk Highway 27 from here to Royalton, 123,284 sq.yd. concrete, from Butler Bros. Building Co., Hamm Bldg., St. Paul, $2.23 per yd.; Foley Bros., Gilfillan Blk., St. Paul, $2.26; Johnson, Drake & Piper, Inc., 912 Plymouth Bldg., Minneapolis, $2.40. Noted Nov. 24.

Tex., El Paso—El Paso Co. opened bids Dec. 20, grading and paving 5.53 mi. Highway 33 from Scorro to San Elizario, from El Paso Bitulithic Co., Box 161, $149,668; Henderson Contg. Co., El Paso, $157,158; V. E. Ware, El Paso, $164,493. Noted Dec. 15.

Tex., Fredericksburg—Gillespie Co. grading and bridging 16.94 mi. State Highway 20-A, Federal Aid Project 127, 8 acres clearing, 51,932 cu.yd. borrow, 22,522 cu.yd. roadway and 300 cu.yd. rock excav., 1,470.4 cu.yd. concrete, from Gordon Alvis, Winnsboro, $52,838; S. R. Hawkins, Granger, $53,417; McCall Moore, 308 Amicable Bldg., Waco, $54,950.

Tex., Johnson City—Blanco Co. opened bids Dec. 23, grading and bridging (1) 5.41 mi. State Highway 20-A, (2) 6.72 mi. State Highway 46, Federal Aid Project 244-A, from Holt & Ruby, Buda, (a) $19,466, (2) $34,594; Cockrell, Snell & Pogue, Flatonia, (1) $19,805, (2) $34,785; Rick & Winder, 1101 West 22nd St., Austin, (1) $20,087, (2) $33,650.

Tex., Kerrville—Kerr Co. opened bids Dec. 23, grading, gravel surfacing and bridging (1) 11.05 mi. State Highway 27 from Mountain Home to Ingram, (2) 6.67 mi. Highway 27 from here to Ingram, (3) 13.93 mi. State Highway 27 from Kimble Co. line to Mountain Home, from Scarbrough, Smith & Davis, Cleburne, (1) $85,515, (2) $38,326, (3) $84,091; McCall-Moore Eng. Co., 308 Amicable Bldg., Waco, (1) $89,405, (2) $39,903, (3) $83,001; Kuykendall & Shelton, Temple, (1) $98,949, (2) $40,627; Rice & Winder, 1101 West 22nd St., Austin, (3) $91,614. Noted Dec. 8.

Tex., Livingston—Polk Co. grading and gravel surfacing 10.51 mi. State Highway 35, 71,294 cu.yd. borrow, 42,761 cu.yd. earth excav., (20,377 cu.yd. gravel to be furnished by county, $60,000), from S. T. Stanford, Kickapoo, $46,671; Smith, James, Pugh & Starkey, Houston, $52,912; H. E. Denny, Crosby, $59,737.

Tex., Pecos—Reeves Co. grading and surfacing 26.8 mi. Highway 27 from Toyahvale to Pecos Co. line, Federal Aid Project 240, from Le Moor Constr. Co., Two Republics Bldg., El Paso, $88,243; Tibbetts Constr. Co., Box 179, Mineral Wells, $98,-114; L. B. Westerman, Balmorhia, $102,-594. Noted Dec. 8.

Cal., Los Angeles—Grading and paving with warrenite bitulithic Center St. between 7th and 18th Sts., 1,132 lin.ft. concrete curbing, 6,158 sq.ft. concrete gutter, 4,824 sq.yd. cement sidewalk, 19,450 sq.ft. concrete pavement, 116,910 sq.ft. warrenite bitulithic, 136,360 sq.ft. grading, etc., from Warren Constr. Co., 926 California Bldg., $43,000.

Cal., San Francisco—Bd. Pub. Wks. from Fay Impvt. Co., Phelan Bldg., improving Ulloa St. between 27th and 29th Aves., 1,243 lin.ft. concrete curbs, 1,981 sq.ft. artificial stone sidewalks, 62,679 sq.ft. asphaltic concrete pavement, etc., $20,952; Ulloa St. between 29th and 32nd Aves., 1,695 cu.yd. excav., 1,629 lin.ft. concrete curbs, 1,321 sq.ft. artificial stone sidewalks, 45,786 sq.ft. asphaltic concrete pavement, $16,200; Ulloa St., between 32nd and 34th Aves., 1,432 cu.yd. excav., 1,234 lin. ft. concrete curbs, 1,981 sq.ft. artificial stone sidewalks, 38,679 sq.ft. asphaltic concrete pavement, etc., $14,065.

Cal., Stockton—Improving East St. between Main and Fremont Sts., from Clark & Henery Constr. Co., 38 South Sutter St., $28,795. Noted Dec. 15.

CONTRACTS AWARDED

Vermont—State Highway Dept., Montpelier, 2.3 mi. bituminous macadam highway, and 6 span steel bridge, Highgate Co., to Hoyt Constr. Co., 85 Dartmouth St., Holyoke, Mass., $70,445. Noted Dec. 8.

Connecticut—State Hy. Dept., Hartford, 12,800 ft. Sect. 1, Housatonic River Rd. from Canaan to New Milford, 18 ft., plain cement concrete on trap rock and 37,119 ft. Sect. 2, Housatonic River Rd. from Canaan to New Milford, 18 ft. plain cement concrete on local stone, to C. W. Blakeslee & Son, Inc., 58 Waverly St., New Haven, $65,000 to $75,000, and $200,000 respectively; 2,900 ft. State Rd., Sherman, 18 ft., native stone macadam and 3,500 ft. highway, Guilford, 18 ft., 7 in. trap rock macadam, to Brock Constr. Co., 611 Carroll Ave., Bridgeport, $7,240 and $13,793 respectively; 4,000 ft. highway, Redding, 18 ft., 7 in. native stone macadam, to Arborio Road Constr. Co., 721 Main St., Hartford, $14,000.

N. Y., Brooklyn—E. Riegelmann, boro pres., Boro Hall, to Borough Asphalt Paving Co., 1301 Metropolitan Ave., paving Bay 28th St., $4,522, Clara St., $7,194, Dumont Ave., $2,077, East 7th St., $7,635, Lott Ave., $2,586, Newport St., $4,698, Rugby Rd., $1,452, Van Sinderen Ave., $5,639, West 28th St., $7,592, 20th Ave., $7,060, 21st Ave., $6,323, 48th St., 7,066, 58th St., $6,055, 67th St. from 3rd to 4th Aves., $6,159, 67th St. from Ft. Hamilton Parkway to 10th Ave., $3,769, 75th St., $11,519, 77th St., $6,223, 78th St., $6,769, 90th St., $6,344, repaving Ridge Blvd., 26,396; to T. B. Scott, grading sidewalk space, curbing and flagging Division St., $1,216; to T. Bernhart, grading, curbing and laying sidewalks on Van Sinderen Ave., etc., $3,347; to F. Persicano, 350 Fulton St., 21st Ave., $5,023. Noted Dec. 22.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., paving Decatur St., to Sicilian Asphalt Paving Co., 41 Park Row, New York, $10,-893; grading and laying gutters where necessary on 3rd St., etc., to Contract Serv. Corp., 228 Jackson Ave., $23,428; grading sidewalk space and laying sidewalks on westerly side of 130th St., to C. Kurth, 9519 126th St., Richmond Hill, $1,358; repaving Kingsland Ave., to Cleveland Trinidad Paving Co., Flushing, $10,-582; Jamaica Ave., to Borough Asphalt Co., 1301 Metropolitan Ave. $167,514. Noted Dec. 15.

N. Y., New York — Park Bd. at office Dept. Parks, Municipal Bldg., paving portions of drives in Central Park, to Asphalt Constr. Co., 208 Bway., $23,165. Noted Dec. 29.

N. Y., S. I., Stapleton—C. D. Van Name, pres. Richmond Boro, Boro Hall, Staten Island, paving roadway in rear of new bulkhead extending from southerly end of Simonson Ave. to Arrietta St., here, to Brooklyn Manhattan Corp., 26 Court St., Brooklyn, $50,657. Noted Dec. 29.

W. Va., Huntington—Cabell Co. paving 1.5 mi. Norway Ave. from Huntington city limits to Barboursville Rd., Guyandotte Dist., to Hatfield Constr. Co., Huntington, $44,930. Noted July 28.

North Carolina—State Hy. Comn., Raleigh, clearing, grading and paving, bituminous penetration macadam, 7.04 mi. State Project 856, Mitchell Co., to Porter & Boyd, Realty Bldg., Charlotte, $199,132, rein.-con. bridges and culverts, to L. J. Chandler & Co., Virgilina, Va., $18,453; grading and topsoiling 5.01 mi. State Project 920, Clay Co., to E. A. Wilson & Co., Knoxville, Tenn., $30,888, rein.-con. bridges and culverts, to W. T. Moore Concrete Products Co., Andrews, $16,050; 5.2 mi. State Project 833, Henderson Co., to S. L. Davis Constr. Co., Greensboro, $23,167, rein.-con. culverts, to Asheville Constr. Co., Asheville, $8,608; grading and surfacing 9.89 mi. State Project 113, Chowan Co., to N. L. Teer, Durham, $12,620, rein.-con. bridges and culverts, to P. R. Ashby, Tucker Bldg., Raleigh, $23,509; grading and topeka paving on 5 in. concrete, 1.9 mi. State Project 823, Cleveland Co., to Southern Paving & Constr. Co., Vol Life Bldg., Chattanooga, Tenn., $54,814, rein.-con. bridges and culverts, to Z. B. Weathers & Son, Shelby, $19,035; grading and paving, topeka on 5 in. concrete, 7.63 mi. State Project 291, Wilson Co., to P. R. Ashby, Tucker Bldg., Raleigh, $184,994; 4.51 mi. State Project 695, Union Co., to Redmon Constr. Co., Monroe, $112,605; grading and concrete paving 5.24 mi. State Project 811, Burke Co., to Southern Dray Co., Asheville, $[illegible]-201; clearing, grading and topsoiling [illegible] mi. State Project 155, Martin and [illegible] Counties, to J. P. Dicus, Burgaw, $59,[illegible] Clearing, grading and surfacing 17.84 mi. State Project 980, Macon and Swain Counties, to E. A. Wilson & Co., Knoxville, Tenn., $285,119; clearing and grading [illegible] mi. State Project 114, Chowan Co., to Battershill & Goode, Virgilina, Va., $12,-767, rein.-con. bridges and culverts, to Chandler & Ragland, Virgilina, Va., $25,200. Noted Dec. 22.

Michigan—State Hy. Dept., Lansing, grading and surfacing 7.936 mi. Federal Aid Project 43, Sect. C, Muskegon Co., to G. P. Schahil, Muskegon, 419 stas. grading $15, 84,043 sq.yd. concrete pavement, $2.15, etc., total $191,092; 2.087 mi. State Trunk Line Rd. 10-35, Wayne Co., to Wayne Co. Rd. Comn., Detroit, $260,932; 7.749 mi. Federal Aid Project 46, Antrim and Charlevoix Counties, to L. W. Edison, Rogers, 44,219 cu.yd. excav., $0.40, 156.8 cu.yd. 1:2:4 and 248.1 cu.yd. 1:3:6 concrete, $18, 72,733 sq.yd. gravel, $0.65, etc., total $77,931.

Ill., West Frankfort—Grading and paving Horn, Gardner and Lindell Sts., Dist. 11, 7,300 ft. curb and gutter, 2,640 cu.yd. excav., 6,205 sq.yd. vertical fibre brick on concrete, to Cole & Fauber, West Frankfort, $34,303. Noted July 21.

Minnesota—State Hy. Comn., St. Paul, gravel surfacing State Project 68-21, Federal Aid Project 214, 27,000 cu.yd. gravel, to F. C. Mitchell & Co., Rochester, $28,349. Noted Dec. 8.

Minn., Breckenridge — Paving portions 8th St. N. and 5th St., 24,000 sq.yd. concrete, to E. W. Coons Co., Hibbing, $84,691. Noted Dec. 8.

Minn., Wadena—Paving various streets, 16,391 sq.yd. 7½ in. rein.-con., to Campbell Constr. Co., 3050 Hennepin Ave., Minneapolis $2.54 per yd., total $49,719. Noted Dec. 8.

Kan., Kansas City—Wyandotte Co. grading and paving 1.56 mi. Parallel Rd., to J. O. Patterson, 311 Ridge Bldg., Kansas City, Mo., 25,664 cu.yd. earth excav. $0.43, 1,178 cu.yd. rock excav. $2.25, pavement $2.93, concrete $22, etc., total $70,842. Noted Nov. 17.

Tex., Athens—Henderson Co. gravel surfacing 11.66 mi. Highway 19, 143,681 cu.yd. gravel, to Smith Bros., Crockett, $70,948.

Tex., Crockett—Houston Co. grading and surfacing 13.73 mi. Highway 21, 94,167 cu. yd. gravel, to Smith Bros., Crockett, $48,710.

Tex., Del Rio—Val Verde Co. grading and gravel surfacing 4.3 mi. Highway 12, Federal Aid Project 12, to Rice & Winder, 1101 West 22nd St., Austin, $63,735. Noted Dec. 15.

New Mexico—State Hy. Dept., Santa Fe, grading, gravel surfacing and building culverts and bridges on 3.14 mi. State Aid Project Cerrillos-Madrid Rd., Santa Fe Co., to Peterson, Shirley & Gunther, 1102 Woodmen of the World Bldg., Omaha, Neb., $17,-262; 14.181 mi. Federal Aid Project 70, Carlsbad-Lovington Rd., Lea Co., to Duvall, Johnston & Sappington, Roswell, $19,-709; 6.698 mi. Federal Aid Project 61-B, Albuquerque-Pajarito Rd., Bernalillo Co., and 6.809 mi. Federal Aid Project 66, Berino-Anthony Rd., Dona Ana Co., to New Mexico Constr. Co., Albuquerque, $125,371 and $112,534 respectively. Noted Dec. 8.

California—State Hy. Dept., Sacramento, asphaltic concrete surfacing 2.8 mi. highway ⅜ mi. northwest of Merced to Gerard Ave., Merced Co., to Valley Paving & Constr. Co., Goldstein Bldg., Visalia, $18,-303; 0.7 mi. highway between Tracy and point ⅜ mi. east, San Joaquin Co., to J. A. Costello, 1083 Shotwell St., San Francisco, $10,485; grading and surfacing 7.3 mi. highway between Sloat Blvd. and Sneath Rd., San Francisco and San Mateo Counties, to P. L. Burr, 512 Mission St., San Francisco, 163,700 cu.yd. excav., at $0.42, 21,200 cu.yd. gravel surface, $3, 525 cu.yd. concrete, $25, total $148,778. Noted Dec. 29.

Industrial Works

PROPOSED WORK

Conn., Southington—Peck, Stow & Wilcox Co., Railroad Sq., rejected bids 1 story, 67 x 180 ft. hardening building, 2 story, 56 x 156 ft. grinding building and 1 story, 59 x 100 ft. forge building, brick and steel, plain foundations, at plant. $200,000. Private plans. Noted Dec. 15.

N. Y., New York—New York Times, Times Sq., having plans prepared by Ludlow & Peabody, archts. and engrs., 101

Industrial Works (Continued)

Park Ave., 11 story, 100 x 143 ft., brick, steel and stone printing plant and office building, plain foundation, 217 West 43rd St.

N. Y., North Tonawanda — McDermott Steel Co., 123 Ryan St., Buffalo, having preliminary plans prepared 5 story, 200 x 250 ft., rein.-con. and steel warehouse, Thompson St., along Niagara River, here. $250,000. Architects name withheld.

N. Y., Rochester—See "Buildings."

N. J., Bloomfield—Amer. Book Co., 100 Washington Sq. E., New York, plans 222 x 502 x 616 ft. publishing plant, brick, steel and concrete, plain foundation, Bloomfield Ave., here. Architect not selected.

O., Cleveland—Cuyahoga Mill Work Co., c/o A. Sogolovitz, 2615 East 29th St., plans 1 story, brick and steel warehouse and mill, brick foundation, along tracks of Nickel Plate R.R. and Grand Ave. $40,000. Private plans.

O., Cleveland—See "Buildings."

O., Columbus—H. C. Goodman Co., 31 North 4th St., plans 4 or 5 story, 147 x 230 ft. shoe factory, brick and concrete, Starling St. $300,000. Architect not selected.

Ind., Ft. Wayne—Weil Bros., 324 East Columbia St., plans 6 story loft building, concrete and brick. $225,000. Architect not selected.

Ind., Indianapolis—T. C. Casse, 163 Washington St., plans 1 story, 250 x 500 ft., brick factory, Washington St. $50,000. Private plans.

Ill., Naperville—Plans addition to electric light plant. $50,000. J. A. Reuss, Reuss State Bank Bldg., atty. Private plans.

Mich., Bay City—Aetna Portland Cement Co., 412 Union Trust Bldg., Detroit, having plans prepared rein.-con. and steel plant, also concrete dock and terminal, along Saginaw River, here. $1,000,000. Private plans.

Mich., Detroit—T. J. Doyle, 4462 Woodward Ave., had plans prepared by Smith, Hinchman & Grylls, archts., 710 Washington Arcade, 1 story, 60 x 451 ft., concrete, brick and steel garage and service station, plain foundation, Jefferson Ave. and Chene St.

Mich., Mt. Pleasant—Natl. Portland Cement Co., 519 Book Bldg., Detroit, plans plant on Coldwater Lake, here. $500,000. H. C. Shields, genl. mgr.

Wis., Beaver Dam — Bartelt Bros. Co., plans 1 and 2 story, 40 x 140 ft., rein.-con., brick and steel factory, plain foundation, South Division St. $100,000. Architect not selected.

Minn., Minneapolis—Murphy Transfer & Storage Co., Inc., 309 3rd Ave., S., rejected bids opened Dec. 30, 2 story, 70 x 160 ft. garage and office, brick and concrete, 4th St. and 9th Ave., N. $40,000. Noted Oct. 27.

Mo., St. Clair—International Shoe Co., 15th and Washington Sts. St. Louis, having plans prepared by H. Reinhardt, archt., c/o owner, 3 story, rein.-con., brick and steel factory, here. $75,000.

Ark., Wilson — Wilson Coal & Ice Co. plans concrete and brick factory. $40,000. Nordyke & Marmon, Kentucky Ave. and Morris St., Indianapolis, Ind., archts. Bacon & Tieslow, 31 West Ohio St., Indianapolis, Ind., engrs.

California—See "Excavation and Dredging."

Cal., Oakland—H. G. Prince Co., having preliminary plans prepared by M. I. Diggs, archt., Easton Bldg., brick or concrete cannery, East 11th and 29th Aves. $100,000.

Ont., Cottam—S. Mossop, Essex, plans garage and auto repair shop. $42,000.

Ont., Dundalk—W. A. Stafford, plans to rebuild garage and auto repair shop recently destroyed by fire. Loss $45,000. Prices wanted on all equipment.

BIDS DESIRED

Conn., East Hartford (Hartford P. O.)—H. E. Bidwell, 209 State St., Hartford, receiving bids 1 story, 50 x 122 ft. and 20 x 122 ft., rein.-con. and brick garage, sales and service station, plain foundation, Connecticut Blvd. $40,000. Associated Architectural & Eng. Co., 145 State St., Springfield, Mass., archts. and engrs. Noted Dec. 15.

Conn., Hartford—Herchman & Levine, 223 Main St., receiving bids 2 story, 85 x 190 ft., brick, concrete and steel garage, sales and repair shop, Main and South Prospect Sts. $125,000. F. C. Walz, 407 Trumbull St., archt.

BIDS RECEIVED

N. J., Fernwood (Trenton P. O.) — L. Grover, clk., State Hy. Dept., Trenton, opened bids Dec. 27, 1 story, 106 x 404 ft., auto service station, brick and steel, concrete pile foundation, here, from Austin Co., Bulletin Bldg., Phila., $94,300; Hughes-Foulkrod, Commonwealth Bldg., Phila., $99,340; Mitchell-Housworth, Lehigh Ave., Phila., $100,457. Noted Dec. 15.

CONTRACTS AWARDED

R. I., Pawtucket—J. and P. Coats, Inc., 366 Pine St., 1 story, 110 x 320 ft., brick and timber bleachery, to J. W. Bishop Co., 109 Foster St., Worcester, Mass., $150,000. Noted Nov. 17.

Conn., Bridgeport—Union Specialty Co., 138 Hurd Ave., 2 story, 50 x 125 ft., brick and timber factory, plain foundation, Oak St., to W. M. Bennett, 121 Morehouse St., $50,000. Noted Dec. 22.

Conn. Stamford—Labelle Bros. Co., New York, 3 story, 65 x 100 ft., brick and timber factory, Atlantic St., here, to Vuono Constr. Co., Bank Bldg., $50,000.

Conn., Stamford—A. Spelke, 292 Main St., 1 story, 60 x 160 ft., brick and steel garage and service station, plain foundation, Gay St., to J. A. Trolle Co., 292 Main St.

N. Y., Brockport—C. L. Cadle, supt. Pub. Wks., Albany, timber freighthouse; also placing and compacting gravel surfacing on terminal side, here, Terminal Contr. 232, to E. W. and J. J. Crouch, Rochester, $2,371. Noted Dec. 8.

Pa., Erie — Erie Brewing Co., altering and 1 story, 38 x 75 ft. brick and steel addition to storage plant to H. Shenk Co., 12th and Sassafras Sts.

W. Va., Wheeling—Wheeling Mold Fdry. Co., Peninsula St., 1 story, 60 x 287 ft. roll shop, to R. R. Kitchen, Natl. Bank of West Virginia Bldg., $50,000.

W. Va., Williamson—Norfolk & Western Ry., Roanoke, Va., rein.-con and steel coaling station here, to Roberts & Schaefer Co., 332 South Michigan Ave., Chicago, $75,000.

N. C., Charlotte—Southern Power Co., Church St., dam across Catawba River at Mountain Island and power house to develop 80,000 hp., to Rinehart & Denny Co., Charlottesville, Va., $8,000,000. Noted Nov. 17.

S. C., Great Falls—Southern Power Co., Church St., Charlotte, N. C., power house, here, to Scott, Stewart, Jones Co., Greenville, $4,000,000. Noted Nov. 17 under Charlotte, N. C.

O., Cleveland—J. L. Free, 1004 Prospect Ave., 1 and 2 story, 38 x 80 ft. and 50 x 113 ft. garage and office building, brick and steel, plain foundation, 1530 & 1618 Brownell Court, to Austin Co., 16112 Euclid Ave., $60,000.

O., Cleveland — Hess-Schenk Machine Tools, 801 St. Clair Ave., altering 3 story, 48 x 76 ft., brick and steel factory, to J. E. Christian Co., 1307 St. Clair Ave., $40,000.

O., Cleveland—Moody & Thomas Milling Co., c/o A. T. Seitz, secy., 6312 Kinsman Rd., 1 story, 50 x 150 ft., brick and steel warehouse and garage, plain foundation, Park Ave. near East 66th St., to G. A. Rutherford Co., 2725 Prospect Ave., $50,000 Noted Dec. 1.

Wis., Fond du Lac—Eastern Wisconsin Electric Co., 15 North Main St., 2 story, 50 x 90 ft. gas plant and foundry, rein.-con., brick and steel, plain foundation, to Immel Constr. Co., 200 North Main St., $45,000.

Mo., Kansas City—Superior Ice & Storage Co., c/o A. L. Williams, Lee Bldg., 3 story, brick, stone and rein.-con. plant, 2nd and Main Sts., by day labor. $150,000. B. B. Ryan, c/o owner, archt. Noted Oct. 6.

Mo., St. Louis—J. H. Belz Provision Co., 2025 Gravois Ave., 4 story, 36 x 46 ft., cooler building, rein.-con and brick, 3601 South Bway., to Kellerman Contg. Co., Victoria Bldg., $40,000. Noted Dec. 22.

Buildings

PROPOSED WORK

Conn., Norwich—School—Bd. Educ. had plans prepared by Lewinsohn & Schubert, engrs. and archts., 366 5th Ave., New York, altering and building 2 story addition, brick, steel and stone, plain foundation. $175,000. G. W. Ray, pres.

N. Y., Brooklyn—Apartment—West 10th St. Constr. Co., Inc., c/o Shampan & Shampan, archts. and engrs., 50 Court St., soon takes bids 6 story, 95 x 100 ft., brick, steel and stone, plain foundation. $300,000.

N. Y., Cedarhurst — School—Town of Hempstead, c/o J. McNichols, Cedarhurst, plans 2 story, brick, steel and stone, plain foundation, here. $400,000. W. Adams, 15 West 38th St., New York, archt. and engr.

N. Y., New York—Apartment—Fay Realty Co., c/o Gronenberg & Leuchtag, archts. and engrs., 303 5th Ave., having plans prepared 5 story, 100 x 135 ft., brick steel and stone, plain foundation, 165th St. near B'way. $200,000.

N. Y., New York—Apartment—S. Friedenberg, c/o Springsteen & Goldhammer, archts. and engrs., 31 Union Sq., had plans prepared 5 story, brick, steel and stone, plain foundation, Webb Ave. $160,000.

N. Y., New York—Apartment—C. D. Wykoff, c/o H. O. Chapman, archt. and engr., 334 5th Ave., having plans prepared 12 story, brick, steel and stone, plain foundation, 951 5th Ave. $500,000.

N. Y., New York—Museum—Bd. Estimate Municipal Bldg., soon takes bids 2 buildings, brick, steel and stone, plain foundations, 81st St. and Columbus Ave. $1,500,000.

N. Y., New York—Office—See "Industrial Works."

N. Y., New York—Office, Loft and Showroom—One Thirty Two West 36th St. Corp., c/o R. T. Lyons, archt. and engr., 342 Madison Ave., having plans prepared 12 story, brick, steel and stone, plain foundation, 132-138 West 36th St. $500,000.

N. Y., Rochester—Y. M. C. A., Gibbs St., having plans prepared by J. F. Warner, archt., Granite Bldg., 3 story, 180 x 200 ft. addition, to include dormitories, laundry, storage, paint and carpentry shop. $150,000.

N. J., Madison—High School—Bd. Educ. having plans prepared by Guilbert & Betelle, archts. and engr., 2 Lombardi St., Newark, brick, steel and stone, plain foundation. $500,000.

N. J., West Hoboken—Bank—W. L. Stoddart, archt. and engr., 9 East 40th St., New York, opens bids about Jan. 16, 2 story, 100 x 150 ft., brick, steel and stone, plain foundation, Bergenline Ave. and Hackensack Plank Rd., here, for Hudson Trust Co., 51 Newark St., Hoboken. $150,000. Noted Nov. 10.

Pa., McKeesport—High School—Bd. Educ. having plans prepared by T. B. and L. Wolfe, archts., Century Bldg., Pittsburgh, addition to Technical High School, 10th St. $300,000.

W. Va., Wayne—High School—Bd. Educ., Wayne Co., plans 2 story. $180,000. Holmboe & Pogue, Empire Bank Bldg., Clarksburg, archts. Noted Aug. 4.

N. C., Gastonia—High School—Bd. Educ. having plans prepared by H. E. White, archt., Gastonia, for high school, York St. $500,000. Noted July 28.

N. C., Winston-Salem—Hospital—W. C. Northup, archt., Winston-Salem, takes bids latter part of month, 5 story, rein.-con., for State Baptist Convention. $200,000.

O., Cleveland—Apartments—I. B. Rabb, 2235 East 71st St., takes bids about Jan. 15, four 2 story, 58 x 84 ft., brick and steel, plain foundations, 1638 East 77th St. $225,000. E. A. Curtis, 603 Republic Bldg., archt.

O., Cleveland—High School—Bd. Educ., East 6th St. and Rockwell Ave., having plans prepared by W. R. McCornack, archt., East 6th St. and Rockwell Ave., 2 story, brick, steel and concrete, plain foundation, northeast section of city. $750,000.

O., Cleveland—Office—Cleveland Real Estate Board Bldg. Co., c/o H. Pennington, Williamson Bldg., plans concrete, brick and steel, plain foundation. $500,000. Architect not selected.

O., Cleveland — School — St. Jeromes Catholic Church, c/o L. Hammer, pastor, 14802 Lakeshore Blvd., had plans prepared by W. Koehl, archt., Park Bldg., 2 story, brick, steel and concrete, plain foundation, East 152nd St. and Lakeshore Blvd. $150,000.

O., Cleveland—Terminals—Union Terminal Co., c/o O. P. and N. J. Van Sweringen, Marshall Bldg., having plans prepared by Graham, Anderson, Probst & White, archts., 80 East Jackson Blvd., Chicago, for passenger and freight terminals, 10 story (6 units), brick, steel and concrete, concrete pile foundations, Prospect Ave., Ontario St., Columbus and Canal Rds. $50,000,000. W. Pease, 613 Marion Bldg., engr.

O., Columbus—Apartment—J. F. Denson, archt., 5 North La Salle St., Chicago, takes bids about Feb. 1, 6 story, 152 x 232 ft., brick and stone, Broad and Parkwood Sts., here. $1,500,000. Owners name withheld.

Buildings (Continued)

O., Columbus — Hotel — Deshler Estate, c/o J. Deshler, executer, East Broad St., having plans prepared by F. L. Packard, archt., New Hayden Bldg., 16 story, 62½ and 187½ ft., fireproof construction, Broad and 3rd Sts. $300,000.

Ind., Ft. Wayne—High School—Bd. Educ. having revised plans prepared by Griffith & Goodrich, archts., 211 East Berry St., 3 story, 230 x 450 ft., brick. $700,000.

Ind., Huntington — School—St. Marys Church having plans prepared by S. A. Craig & Co., archts., Huntington, 2 story, 90 x 186 ft., brick. $150,000. J. F. Wolf, pastor.

Ind., Muncie — Y. W. C. A., 305 East Adams St., having plans prepared by C. Kibele, archt., 335 Johnson Bldg., 4 story, 108 x 124 ft. brick. $200,000.

Ind., Richmond—High School—Bd. Educ. having plans prepared by Perkins, Fellows & Hamilton archts., 814 Tower Court, Chicago, 2 story, 103 x 108 ft., rein.-con., brick and steel. $250,000.

Ind., South Bend—School—Bd. Educ. having revised plans prepared by W. W. Schneider, archt., 120 South Main St., 2 story, 65 x 100 ft., rein.-con. and brick. $150,000.

Ind., Valparaiso — Hotel—C. Lembke, (owner and archt.) plans 6 story, brick and steel. $200,000.

Mich., Detroit — Apartment — Detroit Mortgage Corp., Real Estate Exch. Bldg., had plans prepared by A. Kahn, archt., 1000 Marquette Bldg., 6 story, 67 x 151 ft. rein.-con., brick and steel, plain foundation, John R. St. and Alexandrine Ave. $510,000.

Mich., Detroit—Apartment—H. T. Millar, archt., 320 Lightner Bldg., preparing plans 3 story, 60 x 160 ft., brick, steel and stone, plain foundation, Seward Ave., near Woodward Ave. $150,000. Owners name withheld.

Mich., Royal Oak—School—Bd. Educ. having plans prepared by Madison & Hubbell, archts., 415 South Washington St., 2 story, 20 room, rein.-con., brick and steel, plain foundation, Washington and Lincoln Aves. $230,000.

Mich., Ypsilanti—Sanitarium—Owen Sanitarium Co. having designs made by Menefee & Streeter, archts. and engrs., 706 Marquette Bldg., Detroit, for 200 room sanitarium and industrial plant. $800,000.

Ill., Aurora—Y. M. C. A., c/o C. S. Kilbourne, pres., 184 Downer Pl., plans 4 story, brick, rein.-con., and stone. $300,000. Architect not selected.

Ill., Beardstown — High School — Bd. Educ. plans 4 story, brick, rein.-con. and stone. $300,000. J. Listman, clk. Architect not selected.

Ill., Beverly Hills (Chicago P. O.)—Temple—Beverly Hills Lodge, c/o Jobson & Hubbard, archts., 225 North Michigan Ave., Chicago, having plans prepared 3 story, rein.-con., brick and steel, 103rd and Wood Sts. $250,000. Project matures in fall.

Ill., East St. Louis—Apartment—Cohn & Schein, 327 Missouri Ave., having plans prepared by Boyer, Baum & Co., archts., 1307 Syndicate Bldg., St. Louis, Mo., 2 story, 275 x 300 ft., brick and concrete, Missouri Ave. from 8th to 9th Sts. $475,000.

Ill., Oak Park—Apartment—T. R. Bishop, archt., 35 South Dearborn St., Chicago, preparing plans and soon takes bids 3 story, 141 x 200 ft., rein.-con., brick and steel, Washington Blvd., here, for H. J. Kusel, 1516 South Wabash Ave., Chicago, $300,000.

Wis., Fond du Lac—Hospital—St. Agnes' Hospital, 390 East Division St. plans 6 story, brick and concrete, plain foundation, East Division St. $250,000. M. Marcella, mother superior. Architect not selected.

Wis., Lancaster—Municipal—E. S. Smeltz, clk., having plans prepared by Claude & Stark, archts., 1 Badger Annex, Madison, 2 story, 75 x 100 ft., rein.-con., brick and steel, plain foundation. $150,000.

Ia., Decorah — High School—Bd. Educ. having plans prepared by Temple & Burrows, archts., 208 Main St., Davenport, 3 story, 75 x 140 ft., rein.-con., brick, tile and stone. $150,000. Noted Dec. 29.

Mo., Florissant—Chapel—St. Stanislaus Seminary having plans prepared by Wessbecker & Hillebrand, archts., Pontiac Bldg., St. Louis, 2½ story, 94 x 162 ft., rein.-con., brick, steel and stone. $300,000. W. J. Knight Eng. Co., Wainwright Bldg., St. Louis, engrs.

Minn., International Falls—High School Bd. Educ., having plans prepared by Tyrie & Chapman, archts., 1200 2nd Ave. S., Minneapolis, 2 story, 100 x 250 ft., rein.-con., brick, tile and stone. $250,000 bonds voted. Noted Aug. 11.

Minn., Minneapolis—Schools and Library—Bd. Estimate and Taxation authorized $2,500,000 bonds for schools, and $250,000 bonds for library. G. Link, secy.

Okla., Oklahoma City — College—Oklahoma City College takes bids about Feb. 1, 3 story, 80 x 250 ft., rein.-con. and brick. $200,000. W. T. Schmitt, 1634 West 10th St., archt.

Cal., Campbell—High School—Campbell Union High School Dist. having plans prepared by W. H. Weeks, archt., 369 Pine St., San Francisco, and soon takes bids rein.-con. high school buildings. $200,000.

Cal., Berkeley — Hospital—Masonic Hospital Assn. takes bids in about 2 months, 4 or 5 story, rein.-con. and tile, Dwight Way and Milvia Sts. $200,000. Ashley & Evers, 1st Natl. Bank Bldg., Oakland, archts.

Cal., Los Angeles—Library—Bd. Library Comrs. having plans prepared by B. G. Goodhue, archt., 2 West 47th St., New York, for library. $2,000,000. C. M. Winslow, Van Nuys Bldg., Los Angeles, associated archt. Noted Dec. 8.

Cal., Placerville — High School—Placerville High School Dist., having preliminary plans prepared by F. S. Harrison, archt., Peoples Bank Bldg., Sacramento, for high school. $350,000.

Cal., San Francisco—Office—Crocker Estate Co., Crocker Bldg., had preliminary plans prepared by W. Polk & Co., archts., Hobart Bldg., 38 story, Market, Post and Montgomery Sts.

Ont., Hamilton—Temple—Masonic Temple Assn., Scottish Rite Cathedral having plans prepared by Osgood & Osgood, archts., Grand Rapids, Mich., 4 story, 72 x 198 ft. rein.-con., brick, steel and stone, plain foundation, here. $250,000. W. H. Adams, 32 Campau Bldg., Detroit, Mich., engr.

BIDS DESIRED

R. I., Providence—Chemical Laboratory—Jan. 10 by Brown University, 3 story, brick and stone. $500,000. Day & Klauder, 925 Chestnut St., Phila., archts.

Conn., Ansonia—Club—Jan. 23, by B. P. O. E., 2 story, 60 x 110 ft., brick, stone and steel, State St. E. H. Waterbury, 60 Main St., Torrington, archt.

Conn., Bridgeport—School and Hall—St. Patricks Roman Catholic Church, 865 North Ave., receiving bids 3 story, 70 x 140 ft., brick and steel, plain foundation, Gem Ave. $160,000. G. A. Zunner, 182 High St., Hartford, archt. Noted July 28.

N. Y., Brooklyn—Apartment—A. Levine, c/o Cohn Bros., archts. and engrs., 361 Stone Ave., 4 story, 100 x 100 ft., brick, steel and stone, plain foundation, Utica Ave. and President St. $150,000. Work will be done by separate contracts.

N. Y., Brooklyn—Apartments—J. Tanuzzi, c/o F. Savignano archt. and engr., 6005 14th Ave., two 4 story, brick, steel and stone, plain foundations, 7th St. and 19th Ave. $300,000. Work will be done by separate contracts.

N. Y., New York—Apartment—A. Santini, c/o Moore & Landseidel, archts. and engrs., 148th St. and 3rd Ave., 5 story, brick, steel and stone, plain foundation, Westchester Ave. $150,000. Work will be done by separate contracts.

O., Cleveland — Commercial and Apartment—W. E. and M. Price, 414 Eddy Rd., taking bids 2 story, 53 x 110 ft., brick and steel, plain foundation, East 152nd St. and Cardinal Ave. $150,000. Private plans.

O., Columbus—High School—Jan. 30, by E. L. McCune, clk. Bd. Educ., Town and High Sts., East High School, 2 story, 200 x 375 ft., stone, brick and concrete, East Broad St. $944,000. Howell & Thomas, 2032 Euclid Ave., Cleveland, archts. Noted Aug. 25.

Ill., Chicago—Apartment—P. F. Olsen, archt., 127 North Dearborn St., receiving bids 3 story, 142 x 249 ft., rein.-con., brick and steel, North Shore and Newgard Ave., for R. C. Biederman, c/o architect. $450,000. Noted Dec. 22.

Ill., Chicago—Store and Office—W. S. Armstrong, archt., 127 North Dearborn St., receiving bids 4 story, rein.-con., brick and steel, South Park and 63rd Sts. $500,000. Owners name withheld.

Ind., Elkhart—Hotel—Jan. 10, by The Elkhart Hotel Corp., 6 story, 83 x 139 ft., brick and steel. $350,000. Nicol, Scholer & Hoffman, Nicol Bldg., Lafayette, archts. Noted Oct. 6.

Minn., Olivia—High School—Jan. 26, Bd. Educ., 3 story, rein.-con., brick, tile and stone, $180,000. C. W. Windhorst, clk. Terry-Schulte Eng. Co., 484 Endicott Bldg., St. Paul, engrs. W. L. Alban, 347 Endicott Bldg., St. Paul, archts. Noted Dec. 29.

Tex., Dallas—School—Feb. 1, by [illegible] & Lemmon, archts., 806 Southwestern Life Bldg., 2 story, 160 x 175 ft. brick, Gaston and Washington Sts. $150,000.

Cal., Santa Ana—Jail—Jan. 24, by Supervs. Orange Co., 4 story, 100 x 125 ft. $160,000. Former bids rejected. J. and H. Parkinson, 420 Title Insurance Bldg., Los Angeles, archts. Noted Oct. 6.

BIDS RECEIVED

O., Columbus—School—E. McCune, clk. Bd. Educ., High and Town Sts., opened bids Dec. 29, (general contract) 2 story, 110 x 190 ft., brick and concrete, North High St., from E. E. Beckett, 265 Oakland Park Ave., $131,495; L. L. Leneck, Columbus, $139,900; State Constr. Co., Broad and Grant Sts., $145,521. Noted Dec. 8.

Minn., Minneapolis—High School—Bd. Educ., 3 story, 218 x 230 ft. (Lowell School), rein.-con., brick, tile and stone, Penn and 10th Ave., N., from Fleisher Constr. Co., 608 Builders Exch. Bldg., $305,000; J. C. Nelson & Co. 915 Bway., N. E., $312,417; H. N. Leighton Co., 127 10th St., S., $315,000.

Cal., Fullerton—School—Bd. Educ., two 1 story, 51 x 109 ft., rein.-con. and tile additions, from Edwards, Wildey & Dixon, 515 Black Bldg., Los Angeles, $184,500; C. A. Fellows, Central Bldg., Los Angeles, $190,000; J. C. Bannister, 903 North Mariposa Ave., Los Angeles, $190,840.

CONTRACTS AWARDED

Mass., Boston—Hospital—City Hospital Bldg., Harrison Ave., 2 story, 43 x 150 ft. and 43 x 107 ft. top addition, two 6 story, 28 x 43 ft. and 40 x 43 ft. annexes, rein.-con., brick and steel, plain foundation, J. Bowen Co., 184 Dudley St. $493,000. Noted Dec. 29.

Mass., Boston—Nurses Home—Boston Lying In Hospital, 4 story, 80 x 180 ft., brick, Longwood Ave., to W. A. Wentworth Co., Cambridge, $250,000.

Mass., Brookline—High School—School Bd., 3 story, 61 x 153 ft., 85 x 89 ft. and 40 x 124 ft. additions, brick, Tappan Ave., to J. P. Keating, Westboro, $374,000. Noted Dec. 29.

Conn., Windsor—Theatre and Business—A. W. Lovell, Windsor Ave., 2 story, 50 x 90 ft. and 75 x 100 ft., brick and steel, plain foundations, Central St., to Lawrence & Coe Constr. Co., 372 Trumbull St. Hartford. Noted June 30.

N. Y., Brooklyn — Apartment—Victory Court Inc., c/o McCarthy & Kelley, archts. and engrs., 16 Court St., 4 story, brick, steel and stone, plain foundation, Newkirk Ave., by day labor. $150,000.

N. Y., Kew Gardens (Jamaica, P. O.)—Apartments—Roanoke Constr. Co., Inc., c/o Shampan & Shampan, archts. and engrs., 50 Court St., Brooklyn, two 4 story, brick, steel and stone, plain foundations, Union Turnpike, here, by day labor. $375,000 each.

N. Y., New York—Apartment—Woolfreed Realty Co., c/o Margon & Glaser, archts. and engrs., 2806 3rd Ave., 5 story, 75 x 100 ft., brick, steel and stone, plain foundation, Andrews Ave., by day labor. $150,000.

O., Cleveland—Bank—Union Trust Co., c/o M. S. Halliday, Citizens Bldg., altering and 2 story, brick, steel, marble and stone addition, plain foundation, East 55th St. and Bway., to G. A. Fuller Co., Swetland Bldg., $200,000.

O., Cleveland—Commercial and Apartment—S. Newman, 10710 Drexel Ave., 2 story, 65 x 218 ft., brick and steel, plain foundation, Superior and Lockwood Aves., to J. Miller, 2381 East 46th St., $150,000. Noted Nov. 3.

Ill., Chicago—Office—A. S. Alschuler, archt., 28 East Jackson Blvd., 7 story, 80 x 173 ft., rein.-con. and brick addition, 624 North Michigan Ave., to C. E. Clark Co., 69 West Washington St., for H. S. Blum, 624 North Michigan Ave. $700,000. Noted Sept. 15.

Ill., Chicago—Store, Office and Hotel—R. F. France, archt., 155 North Clark St., 3 story, 87 x 125 ft., rein.-con., brick and steel, B'way and Berwyn Ave., to J. A. Lundstrum & Co., 1401 Balmoral Ave., for R. T. Davis, 133 West Washington St. $150,000. Noted Dec. 15.

Ill., De Kalb—High School—Bd. Educ., 3 story, 115 x 160 ft., rein.-con. and brick, to R. P. Beckstrom, 208 Trust Bldg., Rockford, $225,000.

Ill., Zion — Tabernacle and Store—Zion Insitutions and Industries, Administration Bldg., 1 story, 150 x 250 ft. tabernacle and 2 story, 125 x 300 ft. department store, both rein.-con., steel, brick and stone. $225,000 each. Owner builds by day labor. Noted Dec. 22.

Buildings (Continued)

Wis., Superior—Auditorium—City, general contract for 2 story, 110 x 130 ft., rein.-con., brick and steel. Ogden Ave. and North 14th St., to L. A. Hoffman, 911 Books St. $141,000. Noted Dec. 29.

Minn., Duluth — Apartment—Pattison Realty Co., 311 Sellwood Bldg., 3 story, 75 x 120 ft., brick and stone, London Rd., to Fleisher Constr. Co., 608 Builders Exch. Bldg., Minneapolis, $150,000.

Minn., Minneapolis — High School—Bd. Educ., general contract, 3 story, 218 x 230 ft., rein.-con., brick, tile and stone, Clinton Ave. and 38th St., to Madsen & Peterson, 616 Builders Exch. Bldg., $309,658. Noted Dec. 22.

Neb., Lincoln—School—Bd. Educ., 15th and N Sts., 3 story, 169 x 261 ft., rein.-con., between Vine, Fulton, 22nd and Whittier Sts., to Olson Constr. Co., 202 Chapin Blk., $499,000.

S. D., Huron—Court House and Jail—Beadle Co., 3 story, 98 x 114 ft., rein.-con., brick, tile and stone, to Bartelson & Ness, Huron, $228,862. Noted Nov. 17.

Mo., St. Louis — Sales—Thirty-Sixth St. Realty Co., 111 North 7th St., 96 x 144 ft., rein.-con., brick and stone, 3510 Lindell Ave., by day labor. $150,000. P. J. Bradshaw, International Life Bldg., archt. Noted Dec. 29.

Cal., San Francisco—Apartment—C. H. Peterson, Sharon Bldg., will build 7 story, rein.-con., Jones and O'Farrell Sts., by day labor. $175,000. A. G. Headman, Call Bldg., archt.

Federal Government Work

PROPOSED WORK

Vt., Vergennes—Monument—U. S. Engineer, Room 710, Army Bldg., New York, rejected bids, MacDonough Memorial, here. Noted Oct. 27.

Mass., Fourth Cliff — Barracks—Spec. 4568—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans barracks at radio station, here.

Va., Hampton Roads—Motor Generator Set, etc. — Spec. 4570—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to install motor generator set and switchboard, at naval operating base, here.

Va., Norfolk — Carriage House—Spec. 4572—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans carriage house at marine base, here.

Va., Yorktown—Reservoirs and Dispensary—Spec. 4565—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans reservoirs and dispensary at Mine Depot, here.

Va., Yorktown—Steam Piping System—Spec. 4573—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans steam piping system, here.

Fla., Pensacola — Bridge—Spec. 4569—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans timber bridge, here.

Wash., Tatoosh — Operating and Power Building, etc.—Spec. 4574—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans operating and power building and accessories, at naval radio station, here.

Cal., San Diego—Sterilizing Equipment—Spec. 4576—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans sterilizing equipment for hospital at naval base, here.

H. T., Pearl Harbor—Roads—Spec. 4575—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans roads, here.

H. T., Pearl Harbor—Storage Building—Spec. 4567—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans mine storage building at Ammunition Depot, here.

H. T., Pearl Harbor—Storage Building—Spec. 4566—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans 5 buildings for torpedo and ammunition storage, at Ammunition Depot, here.

BIDS DESIRED

Me., Otter Cliffs—Quarters, etc.—Spec. 4521—Jan. 11, by Bureau Yards & Docks, Navy Dept., Wash., D. C., quarters for officers in charge and remodeling guardhouse.

R. I., Newport—Dredging—Spec. 4552—Jan. 11, by Bureau Yards & Docks, Navy Dept., Wash., D. C., dredging Goat Island, here. Noted Nov. 17.

Del., Wilmington — Dredging — Jan. 30, U. S. Engineer, Wilmington, dredging in Murderkill River, and Inland Waterway, between Rehoboth Bay and Delaware Bay; adv. this issue.

Del., Wilmington—Jetty—Feb. 1, by U. S. Engineer, Wilmington, jetty at mouth of Raccoon Creek, N. J.; adv. this issue.

D. C., Bellevue—Underground Utilities—Spec. 4530—Jan. 18, Bureau Yards & Docks, Navy Dept., Wash., D. C., underground utilities, here. Noted Oct. 6.

D. C., Wash.—Foam Fire Protection System—Spec. 4525—Jan. 11, by Bureau Yards & Docks, Navy Dept., Wash., D. C., foam fire protection system, here. Noted Oct. 6.

Va., Hampton Roads—Dredging—Spec. 4571—Jan. 11, by Bureau Yards & Docks, Navy Dept., Wash., D. C., dredging at naval operating base, here.

California—Bridge—Jan. 24, by C. H. Sweetser, dist. engr., U. S. Bureau Rds., Dept. Agriculture, 881 Mills Bldg., San Francisco, Klamath River Bridge, 310 ft. steel span, concrete abutments, on Klamath River Natl. Forest Rd., 23 mi. south of Happy Camp, and 98 mi. from Hornbrook, 245 ton steel, 102 cu.yd. concrete.

California—Road—Jan. 24, by C. H. Sweetser, dist. engr., Bureau Pub. Rds., Dept. Agriculture, 881 Mills Bldg., San Francisco, 3.4 mi. Klamath River Rd., Tee Bar Sect., 15 mi. above Somes Bar, 145 sta. yd. clearing, 40,000 cu.yd. unclassified excav., etc.

BIDS RECEIVED

N. Y., South Brooklyn (Brooklyn P. O.)—Dredging—Spec. 4560—Bureau Yards & Docks, Navy Dept., Wash., D. C., dredging at naval supply depot, here, from Morris & Cummings Dredging Co., 17 State St., New York, $0.31 per cu.yd. (30 days); New Jersey Shipbuilding and Dredging Co., foot of 28th St., Bayonne, N. J., $0.369 (28 days); Fred E. Jones Dredging Co., Main and Atlantic Sts., Norfolk, Va., $0.38. Noted Dec. 15.

Md., Annapolis — Deferrization Plant—Spec. 4539—Bureau Yards & Docks, Navy Dept., Wash., D. C., deferrization plant, here, (1) work complete from Hicks, Tase & Norris, 106 West Madison St., Baltimore, (1) $56,630 (150 days), (2) $9,400, (3) $3,300, (4) $60; S. R. Curtis, Leehall, Va., (1) $57,000 (150 days), (2) $9,700, (3) $3,025 (4) deduct $60; D. M. Andrew, Sisson and 26th Sts., Baltimore, (1) $59,000 (140 days) (2) $11,750 (20 days), (3) $3,700 (10 days). Noted Dec. 15.

Cal., San Diego—Gas, Water, etc.—Spec. 4559—Bureau Yards & Docks, Navy Dept., Wash., D. C., gas, water, sewer and electrical distribution system, at naval base hospital reservation, here, (1) work complete, from G. E. Eng. Co., 449 West 42nd St., New York, (1) $52,400, (2) $52,400 (120 days); W. E. Kerr & W. Simpson Constr. Co., 526 Marsh-Strong Bldg., Los Angeles, (1) $55,000 (150 days), (2) $55,000 add to (1) and (2) each $3,000; De Ward & Cobham, 207 Granger Bldg., (1) $61,800 (120 days), (2) $61,800. Noted Dec. 15.

CONTRACTS AWARDED

Pa., Phila.—Fuel Oil—U. S. Engineer, 815 Witherspoon Bldg., fuel oil for floating plant, here, to Gulf Refining Co., Widener Bldg., $82,500.

Pa., Pittsburgh—Scows—U. S. Engineer, Pittsburgh, 6 steel dump scows, to Green Bay Dry Dock Co., Green Bay, Wis., $69,000. Noted Nov. 3.

Miscellaneous

PROPOSED WORK

Stadium—Pittsburgh, Pa.—Carnegie Institute of Technology, Schenley Park, having preliminary plans prepared by H. H. Hornbostel, archt., Conestoga Bldg., athletic stadium.

Stadium—Nashville, Tenn. — Vanderbilt University, Vanderbilt Campus having plans prepared by Freeland, Roberts & Co., engrs., 1212 Independent Life Bldg., rein.-con. $150,000. Noted Oct. 27.

Stadium—Detroit, Mich. — Recreation Dept., 16 Elmwod Ave., plans rein.-con. stadium, $900,000. C. E. Brewer, 540 Elmwood Ave., comr. Engineer not selected.

Ornamental Street Lighting — Kenosha, Wis.—Plans ornamental street lighting on various streets. $25,000 appropriated. M. J. Donahue, City Hall, engr.

Caterpillar Tractor—Virginia, Minn.—Rejected bids opened Nov. 22, caterpillar tractor with combination sidewalk and street snow plow attachments. Noted Dec. 8.

Subway — Livingston, Mont. — Northern Pacific R.R., 5th and Jackson St., St. Paul, Minn., plans 60 ft. concrete subway, to carry 6 tracks, here. $100,000. M. F. Clements, bridge engr.

Tunnel—Plateau, Mont.—Northern Pacific R.R., 5th and Jackson St., St. Paul, Minn., plans 300 ft. tunnel, rock excav., on Coeur d'Alene branch, here. $107,000. M. F. Clements, bridge engr.

Harbor Improvements—Goderich, Ont.—Pub. Wks. Dept. Ottawa, plans harbor improvements, incl. deepening of harbor, improving and additions to docks. $50,000.

Asphalt, Crushed Stone, etc.—London, Ont.—H. A. Brazier, city engr., takes bids about Jan. 24, 1,500 ton refined asphalt, 3,500 ton crushed stone, 2,000 ton limestone dust. $400,000.

Cement, Road Oil, etc.—London, Ont.—Takes bids about Jan. 28, 20,000 bbl. cement, 150,000 gal. road oil, 200 ton iron castings. H. A. Brazier, city engr.

BIDS DESIRED

Baseball Stadium—New York, N. Y.—Jan. 18, by Amer. League Baseball Club of New York, 226 West 42nd St., stadium, west of River Ave. between East 157th and 161st Sts.; adv. this issue.

Culverts—Clinton, Ia.—Jan. 19, Clinton Co., 43 rein.-con. culverts. $25,000. E. B. Lorenzen, co. engr.

Surface Condenser, etc.—Fremont, Neb.—Jan. 11, Bd. Pub. Wks., surface condenser, dry vacuum pump, motor driven condensate pump, piping, etc. $9,600. J. Monnich, chn.

Equipment—San Diego, Cal.—City is in market for 1 transit (engineer's) one 1,500 gal. sprinkling tank, 2 small graders, 4 Fresnos, paving plant complete with mixer. $12,000. E. D. Williams, city purch. agt.

Grain Handling and Unloading Machinery, etc.—Goderich, Ont.—Goderich Elevator Co., 85 Horton St., London, receiving bids grain handling and unloading machinery and 2 steel unloading towers for grain elevator, here.

BIDS RECEIVED

Electric Wiring, etc.—Brooklyn, N. Y.—C. L. Cadle, supt. Pub. Wks., Albany, opened bids Dec. 20, electric wiring, power and battery charging equipment, in canal terminal warehouse, Gowanus Bay, here. Contr. 115, from Crocker Natl. Fire Prevention Eng. Co., 22 West 30th St., New York, $42,460; G. E. Eng. Co., 449 West 42nd St., New York, $42,617; I. Stark & Co., Inc., 346 Tompkins Ave., $43,914. Noted Nov. 24.

Cement and Steel—Modesto, Cal.—Dir. of Turlock and Modesto Irrigation Dists., 50,000 to 200,000 bbl. cement from Old Mission Portland Cement Co., Mills Bldg., San Francisco, $2.19 per bbl. f.o.b. factory, San Juan; Santa Cruz Portland Cement Co., Crocker Bldg., San Francisco, Pacific Portland Cement Co., Pacific Bldg., San Francisco, H. Cowell Lime & Cement Co., 2 Market St., San Francisco, all $4.20 per bbl. f.o.b. Hetch Hetchy, $4.31 per bbl. f.o.b. Don Pedro Dam; 90,000 lb. ¾ in., 20,000 lb. 1¼ in. and 154,000 lb. ¾ in. reinforcing bars from Bergen Point Iron Wks., Dayton, N. J., $6,875; C. A. De Camp Co., 593 Market St., San Francisco, $7,328, W. B. Kyle & Co., 74 New Montgomery St., San Francisco, and Dyer Bros., 17th and Kansas Sts., San Francisco, $7,524 each. Noted Dec. 15.

CONTRACTS AWARDED

Wood Paving Blocks—New York, N. Y.—Bd. Purch., Municipal Bldg, furnishing and delivering wood paving blocks to Dept. Plant & Structures, to Amer. Creosoting Co., 17 Battery Pl., $4,694 and W. J. Fitzgerald Co., 547 West 45th St., $5,490. Noted Dec. 8.

Signal Boxes—Cleveland, O. — For 300 police signal boxes and flash light recall and signal system, for Police Dept., to Gamewell Fire Alarm Telegraph Co., 70 East 45th St., New York, $53,440 and $15,370 respectively. Noted Dec. 22.

Amusement Park—West Park, O.—J. Gooding, Rockport, amusement park, incl. roller skating rink, swimming pool, etc., here, to H. Smith, West Park, $150,000.

Foundation—Chicago, Ill.—Bowmanville Natl. Bank 4800 North Western Ave., foundation for 3 story, 75 x 100 ft., brick and stone bank, Western and Lawrence Aves., to G. Thompson & Son, 30 North La Salle St. Total $250,000. Noted Aug. 18.

Ties—San Francisco, Cal.—Bd. Pub. Wks., 20,000 redwood ties for use on Municipal Ry. System, Contr. 126, to J. R. Hanify Co., 24 Market St., $1,07 each. Noted Dec. 15.

Electric Lighting and Power System—Duntroon, Ont. — Electric lighting and power distribution system from here to Collingwood. Work will be done by Hydro Power Comn. under direction of A. Beck, 169 Albert St., London.

Grain Elevator—Goderich, Ont.—Goderich Elevator Co., 85 Horton St., London, 500,000 bu. capacity grain elevator, concrete, along Waterfront, here, to J. H. Tromanhauser, Temple Bldg., Toronto.

OFFICIAL PROPOSALS

Bids: Jan. 31.

Fort Street Bascule Bridge, Electrical Equipment, and Houses and Enclosure Walls

Detroit, Mich.

Sealed proposals will be received by the undersigned, 1103 Real Estate Exchange Building, Detroit, Michigan, up to 10 a.m., of Tuesday, January 31, 1922, covering the installation of Electrical Equipment and the erection of Operators' Houses and Enclosure Walls, for a double leaf bascule bridge crossing the River Rouge at the Southwesterly limits of the City of Detroit, where intersected by Fort Street West. Separate proposals will be received on the two divisions of work as outlined below:

The installation of Electrical Equipment will embrace the construction and installation of the entire electrical equipment for operating the bridge, as well as the lighting, signals, telephones, etc. A certified check for Two Thousand Dollars ($2,000) will be required with each proposal.

The erection of Houses and Enclosure Walls will embrace the building and equipping of the Operators' Houses, also the building of Enclosure Walls, and ornamental stone hand rail, light posts, etc. This will involve cut stone, granite and precast concrete work. A certified check for Three Thousand Dollars ($3,000) will be required with each proposal.

Plans, specifications, and other information can be secured from the above address. A deposit of Ten Dollars ($10) will be required for plans in each case.

The Board reserves the right to reject any or all proposals.

Board of Wayne County Road Commissioners. EDWARD N. HINES, Chairman.

JOHN S. HAGGERTY, Commissioner.
WILLIAM F. BUTLER, Commissioner.

Bids: Jan. 24, 1922.

Water Works System

Lake Wilson, Minn.

Sealed proposals will be received by the Village Council of Lake Wilson, Minnesota, at the office of the Village Clerk, until 8 o'clock P.M., January 24th, 1922, for the furnishing of material and constructing a waterworks system for the village of Lake Wilson.

The work is divided into six contracts, as follows:

CONTRACT NO. 1

Furnishing cast iron pipe, fittings, hydrants, etc., f.o.b. cars Lake Wilson, as follows:

6,130 ft. of 4 in. Class B pipe.
2,947 ft. of 6 in. Class B pipe.
Eight 4 in. gate valves.
Six 6 inch gate valves.
Fourteen valve boxes.
Ten fire hydrants.

CONTRACT NO. 2

Excavating and hauling, laying and backfilling pipe, including installation of valve boxes, hydrants, etc.

CONTRACT NO. 3

Furnishing and installing steel tank and tower, 30,000 gal., height 90 ft.

CONTRACT NO. 4.

Furnishing and installing pump and fuel engine for pumping from 85 ft. well 8 in. casing direct into tank 115 ft. above well curb, capacity 20 gal. per minute.

CONTRACT NO. 5

Furnishing labor and material for constructing pump house and foundations for pump and tank tower. The proposals for pump and tower foundations shall be per cubic yard.

CONTRACT NO. 6

Furnishing labor and material for driving well with 8 in. casing, 85 ft. deep.

Each proposal must be accompanied by a certified check in amount not less than 10 per cent of the aggregate amount of the proposal.

Specifications and proposal blanks will be furnished at the office of the Village Clerk or of the engineer at Slayton, Minnesota.

The right is reserved to reject any or all bids. EMILE G. MINDER, Engineer.

Bids: Jan. 17.

Sanitary Sewers

Chillicothe, Texas.

Sealed proposals will be received at the office of A. F. Thurman City Secretary, Chillicothe, Texas, up to 9 o'clock A.M. of Tuesday, the 17th day of January, 1922, for the furnishing of all equipment, material and labor and constructing a system of Sanitary Sewers for said City.

Contract No. 1—**Sewage Disposal Plant:**—For the furnishing of all material and completing one tank and an effluent line.

Contract No. 2—**Sewer Pipe:**—For the furnishing of vitrified salt glazed sewer pipe or machine made cement concrete pipe f.o.b. cars or yards Chillicothe, Texas.

Contract No. 3—**Construction:**—For the hauling, trenching and laying of Vitrified or Cement Concrete Sewer Pipe. For the furnishing of all materials entering into contract, except pipe.

Each and every bid must be accompanied by a certified check payable to the City of Chillicothe, certified to by a responsible bank for the amount of five per cent (5%) of the sum of the bid, or a bidder's bond based upon the conditions of the specifications and contract to be entered into by the successful bidder. The bond being executed by a surety company authorized to do business in the state of Texas and acceptable to the City of Chillicothe, Texas.

All of the above work will be furnished and done in accordance with the plans and specifications on file at the office of C. R. NICHOLS, Engineer, at Dallas, Texas. Any one desiring further information relative to work or extra copies of the plans for personal use may obtain the same from the Engineer by making the following deposits for the plans covering various sections of the work:

Complete set, covering all contracts, $20.
Contract No. 1, $10.
Contract No. 2, no deposit.
Contract No. 3, $10.

A refund will be made of fifty per cent (50%) of the amount deposited for plans and specifications upon their return to the Engineer on or before January 31, 1922. The city reserves the right to reject any and all bids.

E. J. RANDALL, Mayor.
A. F. THURMAN, City Secretary.

C. R. NICHOLS, Engineer,
514 Guaranty Bank Bldg., Dallas, Texas.

Bids: Jan. 11.

Construction, etc.

Middletown, N. Y.

NOTICE TO CONTRACTORS: Sealed proposals for construction, heating and electric work — storehouse at the Middletown State Homeopathic Hospital, Middletown, N. Y., will be received by the State Hospital Commission, Capitol, Albany, N. Y., until 3 o'clock P.M., on Wednesday, January 11, 1922, when they will be publicly opened and read. Proposals shall be enclosed in an envelope furnished by the State Architect, sealed and addressed and shall be accompanied by a certified check in the sum of five per cent (5%) of the amount of the proposal. The contractors to whom the awards are made will be required to furnish surety company bond in the sum of fifty per cent (50%) of the amount of the contract within thirty (30) days after official notice of award of contract and in accordance with the terms of Specifications Nos. 3817, 3818 and 3819. The right is reserved to reject any or all bids. Drawings and specifications may be examined and inspected at the Middletown State Homeopathic Hospital, Middletown, N. Y.; at the New York Office of the Department of Architecture, Room 618 Hall of Records Building and at the Department of Architecture, Capitol, Albany, N. Y. Drawings, specifications and blank forms of proposal may be obtained at the Department of Architecture, Capitol, Albany, N. Y. upon reasonable notice to and in discretion of the State Architect, L. F. Pilcher, Capitol, Albany, N. Y.

L. M. FARRINGTON,
Secretary, State Hospital Commission.
Dated: December 13, 1921.

Bide: Jan. 17.

Water Works Improvements

Chillicothe, Texas.

Sealed proposals will be received at the office of the City Secretary, Chillicothe, Texas, up to 9 o'clock A.M. of Tuesday, the 17th day of January, 1922, for the furnishing of equipment, material and labor and constructing improvements to the waterworks system in and for said city. Separate bids will be entertained as follows:

Contract No. 1—**Pipe Laying and Trenching Contract:**—For trenching and hauling and laying cast iron pipe, either bell and spigot or universal, for distribution system, furnishing all material, excepting cast iron pipe, special fittings, valves and hydrants, for same.

Contract No. 2—**Cast Iron Pipe:**—For furnishing cast iron pipe and special castings f.o.b. cars Chillicothe, Texas.

Contract No. 3—For the furnishing of hydrants and valves f.o.b. cars Chillicothe, Texas.

Contract No. 4—**Pumping Equipment:**—For the furnishing of pumping equipment f.o.b. cars Chillicothe, Texas.

Contract No. 5—**Well, Building and Setting Machinery:**—For the furnishing of all material, the digging of well and hauling and setting of machinery complete.

Each and every bid must be accompanied by a certified check payable to the City of Chillicothe, certified to by a responsible bank for the amount of five per cent (5%) of the sum of the bid, or a bidders bond, based upon the conditions of the specifications and contract to be entered into by the successful bidder. The bond being executed by a surety company authorized to do business in the state of Texas and acceptable to the City of Chillicothe, Texas.

All of the above work will be furnished and done in accordance with the plans and specifications on file at the office of the City Secretary at Chillicothe, Texas, and at the office of C. R. NICHOLS, Engineer, at Dallas, Texas. Any one desiring further information relative to work or extra copies of the plans for personal use may obtain the same from the Engineer by making the following deposits for the plans covering various sections of the work:

Complete set, covering all contracts, $20.
Contract No. 1, $10.
Contract No. 2, no deposit.
Contract No. 3, no deposit.
Contract No. 4, no deposit.
Contract No. 5, $10.

A refund will be made of fifty per cent (50%) of the amount deposited for plans and specifications upon their return to the Engineer on or before January 31, 1922. The city reserves the right to reject any and all bids.

E. J. RANDALL, Mayor.
A. F. THURMAN, City Secretary.

C. R. NICHOLS, Engineer,
514 Guaranty Bank Bldg., Dallas, Texas.

Bids: Jan. 20.

Steel Bridge Superstructure

Streator, Ill.

Sealed bids will be received by the Streator Drain Tile Company of Streator, Illinois, at the office of Taylor & Woltmann, Engineers, Unity Bldg., Bloomington, Illinois, up to 1:30 o'clock p.m., January 20, 1922, for the fabrication and erection of the steel superstructure for an industrial railroad bridge across the Vermillion River adjacent to the plant of the Company. Superstructure consists of two 75-foot plate girder spans and six 30-foot I-beam spans containing approximately 45 tons of structural steel. Substructurer is complete ready to receive superstructure.

Bids must be accompanied by certified check for ten per cent of the amount of the bid.

Plans, specifications, and bidding forms may be obtained from the engineers. A deposit of five dollars is required, which will be refunded on return of the plans.

TAYLOR & WOLTMANN, Engineers.

Bloomington, Illinois.